

DEPARTMENT OF THE NAVY

FY 2003

BUDGET ESTIMATES



**MILITARY CONSTRUCTION AND
FAMILY HOUSING PROGRAMS**

**JUSTIFICATION DATA
Submitted to Congress
February 2002**

Department of the Navy
FY 2003 Military Construction and Family Housing Program
Summary of Locations

<u>State/Country</u>	<u>Auth. Request</u>	<u>Appr. Request</u>
<u>Inside The United States</u>	<u>(\$000)</u>	<u>(\$000)</u>
ARIZONA	3,000	3,000
CALIFORNIA	203,806	203,806
CONNECTICUT	24,415	24,415
DIST OF COLUMBIA	3,700	3,700
FLORIDA	7,669	7,669
HAWAII	35,287	35,287
ILLINOIS	85,100	85,100
MAINE	11,600	11,600
MARYLAND	9,680	9,680
MISSISSIPPI	19,375	19,375
NORTH CAROLINA	61,980	61,980
SOUTH CAROLINA	24,190	24,190
TEXAS	6,210	6,210
VIRGINIA	265,947	251,067
WASHINGTON	124,252	124,252
Subtotal	886,211	871,331
<u>Outside The United States</u>		
BR INDIAN OCEAN TERR	11,090	11,090
GREECE	16,032	16,032
GUAM	13,400	13,400
ICELAND	14,920	14,920
ITALY	55,660	53,090
SOUTH WEST ASIA	25,970	25,970
SPAIN	2,890	2,890
UNITED KINGDOM	18,524	18,524
Subtotal	158,486	155,916
<u>Various Locations</u>		
Various Locations	1,000	1,000
Various Locations	79,854	79,854
Various Locations	162,730	162,730
Subtotal	243,584	243,584
Total - FY 2003 Military Construction & Family Housing Program	1,288,281	1,270,831
Less Family Housing	375,700	375,700
Total - FY 2003 Military Construction Program	912,581	895,131

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 02	Page No.
<u>Inside The United States</u>						
ARIZONA						
		MARINE CORPS AIR STATION <u>YUMA, ARIZONA</u>				
	486	COMBAT AIRCRAFT LOADING APRON, PHASE II	3,000	3,000	2	31
		Subtotal	3,000	3,000		
		Total - ARIZONA	3,000	3,000		
CALIFORNIA						
		MARINE CORPS AIR STATION <u>CAMP PENDLETON, CALIFORNIA</u>				
	011	AVIATION ARMAMENT SHOP	6,610	6,610	2	55
	071	FIRE PROTECTION PIPELINE	5,320	5,320	2	59
		Subtotal	11,930	11,930		
		MARINE CORPS BASE <u>CAMP PENDLETON, CALIFORNIA</u>				
	038	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV) TRAINING COMPLEX	28,810	28,810	35	37
	071	WATER TREATMENT, RESERVOIR AND DISTRIBUTION	12,000	12,000	2	47
	093A	BACHELOR ENLISTED QUARTERS	23,230	23,230	2	43
		Subtotal	64,040	64,040		
		NAVAL AIR STATION <u>LEMOORE, CALIFORNIA</u>				
	210	AIRCRAFT PARKING APRON	8,450	8,450	35	65
	259	AIR PASSENGER TERMINAL	8,070	8,070	2	69
	H-643	Family Housing Replacement (178 replacement homes)	40,981	40,981	N/A	
		Subtotal	57,501	57,501		
		MARINE CORPS AIR STATION <u>MIRAMAR, CALIFORNIA</u>				
	023	HIGH EXPLOSIVE MAGAZINE	3,160	3,160	2	75
	028	CONSTRUCTION EQUIPMENT SHOP	5,540	5,540	2	79
		Subtotal	8,700	8,700		
		NAVAL AIR STATION <u>NORTH ISLAND, SAN DIEGO, CA</u>				
	137	REPLACE PIER (SAN CLEMENTE ISLAND)	6,150	6,150	2	85
		Subtotal	6,150	6,150		
		NAVAL AIR WARFARE CENTER <u>POINT MUGU, CALIFORNIA</u>				
	267	EXTEND AIRCRAFT PARKING APRON	6,760	6,760	2	91
		Subtotal	6,760	6,760		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 02	Page No.
		NAVAL STATION <u>SAN DIEGO, CALIFORNIA</u>				
	373	PIER 2 ELECTRICAL UPGRADE	3,530	3,530	2	97
		Subtotal	3,530	3,530		
		MARINE AIR-GROUND TASK FORCE TNG COMMAND <u>TWENTY NINE PALMS, CALIFORNIA</u>				
	623	BACHELOR ENLISTED QUARTERS	25,770	25,770	2	103
	H-547	Family Housing Replacement (76 replacement homes)	19,425	19,425	N/A	
		Subtotal	45,195	45,195		
		Total - CALIFORNIA	203,806	203,806		
CONNECTICUT		NAVAL SUBMARINE BASE <u>NEW LONDON, CONNECTICUT</u>				
	H-642	Family Housing Replacement (100 replacement homes)	24,415	24,415	N/A	
		Subtotal	24,415	24,415		
		Total - CONNECTICUT	24,415	24,415		
DIST OF COLUMBIA		MARINE BARRACKS <u>WASHINGTON, D.C.</u>				
	995	SITE IMPROVEMENTS	3,700	3,700	35	109
		Subtotal	3,700	3,700		
		Total - DIST OF COLUMBIA	3,700	3,700		
FLORIDA		NAVAL SCHOOL EXPLOSIVE ORDNANCE DISPOSAL <u>EGLIN AIR FORCE BASE, FL</u>				
	903	ADVANCED EXPLOSIVE ORDNANCE DISPOSAL TRAINING FACILITY	6,350	6,350	2	115
		Subtotal	6,350	6,350		
		NAVAL STATION <u>MAYPORT, FLORIDA</u>				
	H-646	Family Housing Construction (1 new home)	329	329	N/A	
		Subtotal	329	329		
		NAVAL AIR STATION <u>PENSACOLA, FLORIDA</u>				
	715	RUNWAY APPROACH LIGHTS	990	990	35	121
		Subtotal	990	990		
		Total - FLORIDA	7,669	7,669		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 02	Page No.
HAWAII		MARINE CORPS BASE <u>KANEOHE BAY, HAWAII</u>				
	H-563	Family Housing Replacement (65 replacement homes)	24,797	24,797	N/A	
		Subtotal	24,797	24,797		
		NAVAL STATION <u>PEARL HARBOR, HAWAII</u>				
	597	RECAPITALIZE BRAVO WHARFS	10,490	10,490	35	127
		Subtotal	10,490	10,490		
		Total - HAWAII	35,287	35,287		
ILLINOIS		RECRUIT TRAINING COMMAND <u>GREAT LAKES, ILLINOIS</u>				
	734	RECRUIT BARRACKS	43,360	43,360	2	133
	735	RECRUIT BARRACKS	41,740	41,740	2	137
		Subtotal	85,100	85,100		
		Total - ILLINOIS	85,100	85,100		
MAINE		PORTSMOUTH NAVAL SHIPYARD <u>KITTERY, MAINE</u>				
	904	ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	11,600	11,600	35	143
		Subtotal	11,600	11,600		
		Total - MAINE	11,600	11,600		
MARYLAND		NAVAL AIR FACILITY <u>ANDREWS AIR FORCE BASE, MARYLAND</u>				
	026A	BACHELOR ENLISTED QUARTERS REPLACEMENT	9,680	9,680	2	149
		Subtotal	9,680	9,680		
		Total - MARYLAND	9,680	9,680		
MISSISSIPPI		NAVAL CONSTRUCTION BATTALION CENTER <u>GULFPORT, MISSISSIPPI</u>				
	777	COMMUNICATIONS/INSTRUCTION FACILITY	5,460	5,460	2	155
		Subtotal	5,460	5,460		
		NAVAL AIR STATION <u>MERIDIAN MISSISSIPPI</u>				
	H-645	Family Housing Replacement (56 replacement homes)	9,755	9,755	N/A	
		Subtotal	9,755	9,755		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 02	Page No.
		NAVAL STATION <u>PASCAGOULA, MISSISSIPPI</u>				
	117	CONSTRUCT NEW NAVY CHANNEL	4,160	4,160	100	163
		Subtotal	4,160	4,160		
		Total - MISSISSIPPI	19,375	19,375		
NORTH CAROLINA						
		MARINE CORPS BASE <u>CAMP LEJEUNE, NORTH CAROLINA</u>				
	007	FITNESS CENTER ADDITION	5,370	5,370	35	169
	H-613	Family Housing Replacement (317 replacement homes)	43,650	43,650	N/A	
		Subtotal	49,020	49,020		
		MARINE CORPS AIR STATION <u>CHERRY POINT, NORTH CAROLINA</u>				
	114	T-56 TEST CELL	6,040	6,040	35	175
		Subtotal	6,040	6,040		
		MARINE CORPS AIR STATION <u>NEW RIVER, NORTH CAROLINA</u>				
	515	PROPERTY CONTROL FACILITY	6,920	6,920	35	181
		Subtotal	6,920	6,920		
		Total - NORTH CAROLINA	61,980	61,980		
SOUTH CAROLINA						
		MARINE CORPS AIR STATION <u>BEAUFORT, SOUTH CAROLINA</u>				
	344	AIRCRAFT ACOUSTICAL ENCLOSURE	13,700	13,700	2	187
		Subtotal	13,700	13,700		
		MARINE CORP RECRUIT DEPOT <u>PARRIS ISLAND, SOUTH CAROLINA</u>				
	340	ALL WEATHER TRAINING FACILITY	7,410	7,410	2	193
	341	RECRUIT TRAINING FACILITY ADDITION	3,080	3,080	2	197
		Subtotal	10,490	10,490		
		Total - SOUTH CAROLINA	24,190	24,190		
TEXAS						
		NAVAL AIR STATION <u>KINGSVILLE, TEXAS</u>				
	270	UPGRADE AIRFIELD LIGHTING AND CONTROLS	6,210	6,210	35	203
		Subtotal	6,210	6,210		
		Total - TEXAS	6,210	6,210		
VIRGINIA						
		NAVAL SURFACE WEAPONS CENTER <u>DAHLGREN, VIRGINIA</u>				
	276	THEATER WARFARE INTEGRATION CENTER	9,230	9,230	35	209
		Subtotal	9,230	9,230		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 02	Page No.
		NAVAL STATION <u>NORFOLK, VIRGINIA</u>				
	152	AIRFIELD RECAP	11,290	11,290	35	221
	226A	PIER REPLACEMENT (INCREMENT II)	280	33,520	100	217
	280	AIRCRAFT MAINTENANCE FACILITIES	34,450	34,450	35	225
	293	BACHELOR ENLISTED QUARTERS SHIPBOARD ASHORE (INCREMENT I)	85,430	37,310	2	231
	368	UPGRADE ELECTRICAL DISTRIBUTION PHASE II	25,160	25,160	35	235
	469	SHORELINE SECURITY FENCING	2,030	2,030	2	239
		Subtotal	158,640	143,760		
		NAVAL AIR STATION <u>OCEANA, VIRGINIA</u>				
	585	AIRFIELD APPROACH LIGHTING	2,000	2,000	35	245
		Subtotal	2,000	2,000		
		NORFOLK NAVAL SHIPYARD <u>PORTSMOUTH, VIRGINIA</u>				
	902	ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	19,660	19,660	15	251
		Subtotal	19,660	19,660		
		MARINE CORPS AIR FACILITY <u>QUANTICO, VIRGINIA</u>				
	H-620	Family Housing Replacement (290 replacement homes)	41,843	41,843	N/A	
		Subtotal	41,843	41,843		
		MARINE CORPS COMBAT DEVELOPMENT COMMAND <u>QUANTICO, VIRGINIA</u>				
	454	ARMORY/FLEET WEAPONS SUPPORT FACILITY	4,234	4,234	2	257
	532	BACHELOR ENLISTED QUARTERS, OFFICER CANDIDATE SCHOOL (OCS)	10,280	10,280	2	265
	535	BACHELOR ENLISTED QUARTERS (SNCO) ADDITION	5,040	5,040	2	261
		Subtotal	19,554	19,554		
		NAVAL WEAPONS STATION <u>YORKTOWN, VIRGINIA</u>				
	532	BACHELOR ENLISTED QUARTERS REPLACEMENT	15,020	15,020	2	271
		Subtotal	15,020	15,020		
		Total - VIRGINIA	265,947	251,067		
WASHINGTON		NAVAL SUBMARINE BASE <u>BANGOR, WASHINGTON</u>				
	174	RELOCATE ENCUMBERED WATERFRONT SHOPS	5,900	5,900	2	283
		Subtotal	5,900	5,900		

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		STRATEGIC WEAPONS FACILITY PACIFIC <u>BANGOR, WASHINGTON</u>				
	965	MISSILE SPARES STORAGE BUILDING	7,340	7,340	35	277
		Subtotal	7,340	7,340		
		NAVAL STATION <u>BREMERTON, WASHINGTON</u>				
	301	BACHELOR ENLISTED QUARTERS (SHIPBOARD ASHORE)	35,120	35,120	2	303
	312	WATERFRONT REVITALIZATION	8,550	8,550	2	309
		Subtotal	43,670	43,670		
		PUGET SOUND NAVAL SHIPYARD <u>BREMERTON, WASHINGTON</u>				
	348	WATERFRONT SUPPORT FACILITIES	21,072	21,072	2	289
	350	INDUSTRIAL WASTE TREATMENT FACILITY	11,390	11,390	35	293
	903	ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	21,670	21,670	15	297
		Subtotal	54,132	54,132		
		NAVAL MAGAZINE <u>PORT HADLOCK, WASHINGTON</u>				
	328	AMMUNITION WHARF IMPROVEMENTS	4,030	4,030	2	317
		Subtotal	4,030	4,030		
		NAVAL AIR STATION <u>WHIDBEY ISLAND, WASHINGTON</u>				
	157	AIRCRAFT DIRECT REFUELING FACILITY	9,180	9,180	2	323
		Subtotal	9,180	9,180		
		Total - WASHINGTON	124,252	124,252		
		Total - Inside The United States	886,211	871,331		
		<u>Outside The United States</u>				
BR INDIAN OCEAN TERR		NAVAL SUPPORT FACILITY <u>DIEGO GARCIA</u>				
	141	PHYSICAL READINESS CENTER	8,370	8,370	35	331
	871	WATERFRONT OPERATIONS SUPPORT FACILITY	2,720	2,720	2	335
		Subtotal	11,090	11,090		
		Total - BR INDIAN OCEAN TERR	11,090	11,090		
GREECE		JOINT HEADQUARTERS COMMAND SOUTHCEN <u>LARISSA, GREECE</u>				
	901	BACHELOR ENLISTED QUARTERS AND SUPPORT FACILITIES	14,800	14,800	35	341
	H-647	Family Housing Construction (2 new homes)	1,232	1,232	N/A	
		Subtotal	16,032	16,032		
		Total - GREECE	16,032	16,032		

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GUAM						
		COMMANDER U.S. NAVAL FORCES <u>MARIANAS, GUAM</u>				
	430	BACHELOR ENLISTED QUARTERS REPLACEMENT	13,400	13,400	2	347
		Subtotal	13,400	13,400		
		Total - GUAM	13,400	13,400		
ICELAND						
		NAVAL AIR STATION <u>KEFLAVIK, ICELAND</u>				
	723	COMBINED DINING FACILITY	14,920	14,920	35	353
		Subtotal	14,920	14,920		
		Total - ICELAND	14,920	14,920		
ITALY						
		NAVAL AIR STATION <u>SIGONELLA, ITALY</u>				
	613	QOL SUPPORT II (RECAPITALIZATION OF NAS I, PHASE III)	36,100	33,530	35	361
	625	PARKING GARAGE AND PERIMETER SECURITY UPGRADE	19,560	19,560	15	365
		Subtotal	55,660	53,090		
		Total - ITALY	55,660	53,090		
SOUTH WEST ASIA						
		NAVAL SUPPORT ACTIVITY <u>BAHRAIN</u>				
	911	INSTALLATION SERVICE SUPPORT CENTER	25,970	25,970	35	371
		Subtotal	25,970	25,970		
		Total - SOUTH WEST ASIA	25,970	25,970		
SPAIN						
		JOINT COMMAND SOUTH WEST <u>MADRID SPAIN</u>				
	911	NAVY EXCHANGE (NEX) MORALE, WELFARE, RECREATION FACILITY	2,890	2,890	35	377
		Subtotal	2,890	2,890		
		Total - SPAIN	2,890	2,890		
UNITED KINGDOM						
		JOINT MARITIME FACILITY <u>ST. MAWGAN</u>				
	H-644	Family Housing Construction (62 new homes)	18,524	18,524	N/A	
		Subtotal	18,524	18,524		
		Total - UNITED KINGDOM	18,524	18,524		
		Total - Outside The United States	158,486	155,916		

Various Locations

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			Request (\$000)	Request (\$000)	As Of Jan 02	
	003	HOST NATION INFRASTRUCTURE	1,000	1,000		381
		Planning and Design (Family Housing)	11,281	11,281	N/A	
	203	PLANNING AND DESIGN	68,573	68,573	0	385
		Construction Improvements (Family Housing)	139,468	139,468	N/A	
	203	UNSPECIFIED MINOR CONSTRUCTION	23,262	23,262	0	389
		Total - Various Locations	243,584	243,584		
		Total - FY 2003 Military Construction Program	912,581	895,131		
		Total - FY 2003 Military Construction Family Housing Program	375,700	375,700		
		Grand Total	1,288,281	1,270,831		

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<u>Inside The United States</u>						
CALIFORNIA						
		NAVAL AIR STATION <u>LEMOORE, CALIFORNIA</u>				
	210	AIRCRAFT PARKING APRON	8,450	8,450	35	65
	259	AIR PASSENGER TERMINAL	8,070	8,070	2	69
	H-643	Family Housing Replacement (178 replacement homes)	40,981	40,981	N/A	
		Subtotal	57,501	57,501		
		NAVAL AIR STATION <u>NORTH ISLAND, SAN DIEGO, CA</u>				
	137	REPLACE PIER (SAN CLEMENTE ISLAND)	6,150	6,150	2	85
		Subtotal	6,150	6,150		
		NAVAL AIR WARFARE CENTER <u>POINT MUGU, CALIFORNIA</u>				
	267	EXTEND AIRCRAFT PARKING APRON	6,760	6,760	2	91
		Subtotal	6,760	6,760		
		NAVAL STATION <u>SAN DIEGO, CALIFORNIA</u>				
	373	PIER 2 ELECTRICAL UPGRADE	3,530	3,530	2	97
		Subtotal	3,530	3,530		
		Total - CALIFORNIA	73,941	73,941		
CONNECTICUT						
		NAVAL SUBMARINE BASE <u>NEW LONDON, CONNECTICUT</u>				
	H-642	Family Housing Replacement (100 replacement homes)	24,415	24,415	N/A	
		Subtotal	24,415	24,415		
		Total - CONNECTICUT	24,415	24,415		
FLORIDA						
		NAVAL SCHOOL EXPLOSIVE ORDNANCE DISPOSAL <u>EGLIN AIR FORCE BASE, FL</u>				
	903	ADVANCED EXPLOSIVE ORDNANCE DISPOSAL TRAINING FACILITY	6,350	6,350	2	115
		Subtotal	6,350	6,350		
		NAVAL STATION <u>MAYPORT, FLORIDA</u>				
	H-646	Family Housing Construction (1 new home)	329	329	N/A	
		Subtotal	329	329		
		NAVAL AIR STATION <u>PENSACOLA, FLORIDA</u>				
	715	RUNWAY APPROACH LIGHTS	990	990	35	121
		Subtotal	990	990		
		Total - FLORIDA	7,669	7,669		

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HAWAII		NAVAL STATION <u>PEARL HARBOR, HAWAII</u>				
	597	RECAPITALIZE BRAVO WHARFS	10,490	10,490	35	127
		Subtotal	10,490	10,490		
		Total - HAWAII	10,490	10,490		
ILLINOIS		RECRUIT TRAINING COMMAND <u>GREAT LAKES, ILLINOIS</u>				
	734	RECRUIT BARRACKS	43,360	43,360	2	133
	735	RECRUIT BARRACKS	41,740	41,740	2	137
		Subtotal	85,100	85,100		
		Total - ILLINOIS	85,100	85,100		
MAINE		PORTSMOUTH NAVAL SHIPYARD <u>KITTERY, MAINE</u>				
	904	ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	11,600	11,600	35	143
		Subtotal	11,600	11,600		
		Total - MAINE	11,600	11,600		
MARYLAND		NAVAL AIR FACILITY <u>ANDREWS AIR FORCE BASE, MARYLAND</u>				
	026A	BACHELOR ENLISTED QUARTERS REPLACEMENT	9,680	9,680	2	149
		Subtotal	9,680	9,680		
		Total - MARYLAND	9,680	9,680		
MISSISSIPPI		NAVAL CONSTRUCTION BATTALION CENTER <u>GULFPORT, MISSISSIPPI</u>				
	777	COMMUNICATIONS/INSTRUCTION FACILITY	5,460	5,460	2	155
		Subtotal	5,460	5,460		
		NAVAL AIR STATION <u>MERIDIAN MISSISSIPPI</u>				
	H-645	Family Housing Replacement (56 replacement homes)	9,755	9,755	N/A	
		Subtotal	9,755	9,755		
		NAVAL STATION <u>PASCAGOULA, MISSISSIPPI</u>				
	117	CONSTRUCT NEW NAVY CHANNEL	4,160	4,160	100	163
		Subtotal	4,160	4,160		
		Total - MISSISSIPPI	19,375	19,375		

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TEXAS		NAVAL AIR STATION <u>KINGSVILLE, TEXAS</u>				
	270	UPGRADE AIRFIELD LIGHTING AND CONTROLS	6,210	6,210	35	203
		Subtotal	6,210	6,210		
		Total - TEXAS	6,210	6,210		
VIRGINIA		NAVAL SURFACE WEAPONS CENTER <u>DAHLGREN, VIRGINIA</u>				
	276	THEATER WARFARE INTEGRATION CENTER	9,230	9,230	35	209
		Subtotal	9,230	9,230		
		NAVAL STATION <u>NORFOLK, VIRGINIA</u>				
	152	AIRFIELD RECAP	11,290	11,290	35	221
	226A	PIER REPLACEMENT (INCREMENT II)	280	33,520	100	217
	280	AIRCRAFT MAINTENANCE FACILITIES	34,450	34,450	35	225
	293	BACHELOR ENLISTED QUARTERS SHIPBOARD ASHORE (INCREMENT I)	85,430	37,310	2	231
	368	UPGRADE ELECTRICAL DISTRIBUTION PHASE II	25,160	25,160	35	235
	469	SHORELINE SECURITY FENCING	2,030	2,030	2	239
		Subtotal	158,640	143,760		
		NAVAL AIR STATION <u>OCEANA, VIRGINIA</u>				
	585	AIRFIELD APPROACH LIGHTING	2,000	2,000	35	245
		Subtotal	2,000	2,000		
		NORFOLK NAVAL SHIPYARD <u>PORTSMOUTH, VIRGINIA</u>				
	902	ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	19,660	19,660	15	251
		Subtotal	19,660	19,660		
		NAVAL WEAPONS STATION <u>YORKTOWN, VIRGINIA</u>				
	532	BACHELOR ENLISTED QUARTERS REPLACEMENT	15,020	15,020	2	271
		Subtotal	15,020	15,020		
		Total - VIRGINIA	204,550	189,670		
WASHINGTON		NAVAL SUBMARINE BASE <u>BANGOR, WASHINGTON</u>				
	174	RELOCATE ENCUMBERED WATERFRONT SHOPS	5,900	5,900	2	283
		Subtotal	5,900	5,900		

Department of the Navy
FY 2003 Military Construction and Family Housing Program
Index Of Locations For Navy Only

State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 02	Page No.
		STRATEGIC WEAPONS FACILITY PACIFIC <u>BANGOR, WASHINGTON</u>				
	965	MISSILE SPARES STORAGE BUILDING	7,340	7,340	35	277
		Subtotal	7,340	7,340		
		NAVAL STATION <u>BREMERTON, WASHINGTON</u>				
	301	BACHELOR ENLISTED QUARTERS (SHIPBOARD ASHORE)	35,120	35,120	2	303
	312	WATERFRONT REVITALIZATION	8,550	8,550	2	309
		Subtotal	43,670	43,670		
		PUGET SOUND NAVAL SHIPYARD <u>BREMERTON, WASHINGTON</u>				
	348	WATERFRONT SUPPORT FACILITIES	21,072	21,072	2	289
	350	INDUSTRIAL WASTE TREATMENT FACILITY	11,390	11,390	35	293
	903	ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	21,670	21,670	15	297
		Subtotal	54,132	54,132		
		NAVAL MAGAZINE <u>PORT HADLOCK, WASHINGTON</u>				
	328	AMMUNITION WHARF IMPROVEMENTS	4,030	4,030	2	317
		Subtotal	4,030	4,030		
		NAVAL AIR STATION <u>WHIDBEY ISLAND, WASHINGTON</u>				
	157	AIRCRAFT DIRECT REFUELING FACILITY	9,180	9,180	2	323
		Subtotal	9,180	9,180		
		Total - WASHINGTON	124,252	124,252		
		Total - Inside The United States	577,282	562,402		
		<u>Outside The United States</u>				
BR INDIAN OCEAN TERR		NAVAL SUPPORT FACILITY <u>DIEGO GARCIA</u>				
	141	PHYSICAL READINESS CENTER	8,370	8,370	35	331
	871	WATERFRONT OPERATIONS SUPPORT FACILITY	2,720	2,720	2	335
		Subtotal	11,090	11,090		
		Total - BR INDIAN OCEAN TERR	11,090	11,090		
GREECE		JOINT HEADQUARTERS COMMAND SOUTHCEN <u>LARISSA, GREECE</u>				
	901	BACHELOR ENLISTED QUARTERS AND SUPPORT FACILITIES	14,800	14,800	35	341
	H-647	Family Housing Construction (2 new homes)	1,232	1,232	N/A	
		Subtotal	16,032	16,032		
		Total - GREECE	16,032	16,032		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 02	Page No.
GUAM						
		COMMANDER U.S. NAVAL FORCES <u>MARIANAS, GUAM</u>				
	430	BACHELOR ENLISTED QUARTERS REPLACEMENT	13,400	13,400	2	347
		Subtotal	13,400	13,400		
		Total - GUAM	13,400	13,400		
ICELAND						
		NAVAL AIR STATION <u>KEFLAVIK, ICELAND</u>				
	723	COMBINED DINING FACILITY	14,920	14,920	35	353
		Subtotal	14,920	14,920		
		Total - ICELAND	14,920	14,920		
ITALY						
		NAVAL AIR STATION <u>SIGONELLA, ITALY</u>				
	613	QOL SUPPORT II (RECAPITALIZATION OF NAS I, PHASE III)	36,100	33,530	35	361
	625	PARKING GARAGE AND PERIMETER SECURITY UPGRADE	19,560	19,560	15	365
		Subtotal	55,660	53,090		
		Total - ITALY	55,660	53,090		
SOUTH WEST ASIA						
		NAVAL SUPPORT ACTIVITY <u>BAHRAIN</u>				
	911	INSTALLATION SERVICE SUPPORT CENTER	25,970	25,970	35	371
		Subtotal	25,970	25,970		
		Total - SOUTH WEST ASIA	25,970	25,970		
SPAIN						
		JOINT COMMAND SOUTH WEST <u>MADRID SPAIN</u>				
	911	NAVY EXCHANGE (NEX) MORALE, WELFARE, RECREATION FACILITY	2,890	2,890	35	377
		Subtotal	2,890	2,890		
		Total - SPAIN	2,890	2,890		
UNITED KINGDOM						
		JOINT MARITIME FACILITY <u>ST. MAWGAN</u>				
	H-644	Family Housing Construction (62 new homes)	18,524	18,524	N/A	
		Subtotal	18,524	18,524		
		Total - UNITED KINGDOM	18,524	18,524		
		Total - Outside The United States	158,486	155,916		

Various Locations

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State/Country	Proj No.	Location	Auth	Appr	% Design	Page No.
			Request (\$000)	Request (\$000)	As Of Jan 02	
	003	HOST NATION INFRASTRUCTURE	1,000	1,000		381
		Planning and Design (Family Housing)	11,281	11,281	N/A	
	203	PLANNING AND DESIGN	68,573	68,573	0	385
		Construction Improvements (Family Housing)	139,468	139,468	N/A	
	203	UNSPECIFIED MINOR CONSTRUCTION	23,262	23,262	0	389
		Total - Various Locations	243,584	243,584		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 02	Page No.
<u>Inside The United States</u>						
ARIZONA						
		MARINE CORPS AIR STATION <u>YUMA, ARIZONA</u>				
	486	COMBAT AIRCRAFT LOADING APRON, PHASE II	3,000	3,000	2	31
		Subtotal	3,000	3,000		
		Total - ARIZONA	3,000	3,000		
CALIFORNIA						
		MARINE CORPS AIR STATION <u>CAMP PENDLETON, CALIFORNIA</u>				
	011	AVIATION ARMAMENT SHOP	6,610	6,610	2	55
	071	FIRE PROTECTION PIPELINE	5,320	5,320	2	59
		Subtotal	11,930	11,930		
		MARINE CORPS BASE <u>CAMP PENDLETON, CALIFORNIA</u>				
	038	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV) TRAINING COMPLEX	28,810	28,810	35	37
	071	WATER TREATMENT, RESERVOIR AND DISTRIBUTION	12,000	12,000	2	47
	093A	BACHELOR ENLISTED QUARTERS	23,230	23,230	2	43
		Subtotal	64,040	64,040		
		MARINE CORPS AIR STATION <u>MIRAMAR, CALIFORNIA</u>				
	023	HIGH EXPLOSIVE MAGAZINE	3,160	3,160	2	75
	028	CONSTRUCTION EQUIPMENT SHOP	5,540	5,540	2	79
		Subtotal	8,700	8,700		
		MARINE AIR-GROUND TASK FORCE TNG COMMAND <u>TWENTY NINE PALMS, CALIFORNIA</u>				
	623	BACHELOR ENLISTED QUARTERS	25,770	25,770	2	103
	H-547	Family Housing Replacement (76 replacement homes)	19,425	19,425	N/A	
		Subtotal	45,195	45,195		
		Total - CALIFORNIA	129,865	129,865		
DIST OF COLUMBIA						
		MARINE BARRACKS <u>WASHINGTON, D.C.</u>				
	995	SITE IMPROVEMENTS	3,700	3,700	35	109
		Subtotal	3,700	3,700		
		Total - DIST OF COLUMBIA	3,700	3,700		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 02	Page No.
HAWAII		MARINE CORPS BASE <u>KANEOHE BAY, HAWAII</u>				
	H-563	Family Housing Replacement (65 replacement homes)	24,797	24,797	N/A	
		Subtotal	24,797	24,797		
		Total - HAWAII	24,797	24,797		
NORTH CAROLINA		MARINE CORPS BASE <u>CAMP LEJEUNE, NORTH CAROLINA</u>				
	007	FITNESS CENTER ADDITION	5,370	5,370	35	169
	H-613	Family Housing Replacement (317 replacement homes)	43,650	43,650	N/A	
		Subtotal	49,020	49,020		
		MARINE CORPS AIR STATION <u>CHERRY POINT, NORTH CAROLINA</u>				
	114	T-56 TEST CELL	6,040	6,040	35	175
		Subtotal	6,040	6,040		
		MARINE CORPS AIR STATION <u>NEW RIVER, NORTH CAROLINA</u>				
	515	PROPERTY CONTROL FACILITY	6,920	6,920	35	181
		Subtotal	6,920	6,920		
		Total - NORTH CAROLINA	61,980	61,980		
SOUTH CAROLINA		MARINE CORPS AIR STATION <u>BEAUFORT, SOUTH CAROLINA</u>				
	344	AIRCRAFT ACOUSTICAL ENCLOSURE	13,700	13,700	2	187
		Subtotal	13,700	13,700		
		MARINE CORP RECRUIT DEPOT <u>PARRIS ISLAND, SOUTH CAROLINA</u>				
	340	ALL WEATHER TRAINING FACILITY	7,410	7,410	2	193
	341	RECRUIT TRAINING FACILITY ADDITION	3,080	3,080	2	197
		Subtotal	10,490	10,490		
		Total - SOUTH CAROLINA	24,190	24,190		
VIRGINIA		MARINE CORPS AIR FACILITY <u>QUANTICO, VIRGINIA</u>				
	H-620	Family Housing Replacement (290 replacement homes)	41,843	41,843	N/A	
		Subtotal	41,843	41,843		
		MARINE CORPS COMBAT DEVELOPMENT COMMAND <u>QUANTICO, VIRGINIA</u>				
	454	ARMORY/FLEET WEAPONS SUPPORT FACILITY	4,234	4,234	2	257
	532	BACHELOR ENLISTED QUARTERS, OFFICER CANDIDATE SCHOOL (OCS)	10,280	10,280	2	265

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			Auth	Appr	% Design	
	Proj		Request	Request	As Of	Page
State/Country	No.	Location	(\$000)	(\$000)	Jan 02	No.
	535	BACHELOR ENLISTED QUARTERS (SNCO) ADDITION	5,040	5,040	2	261
		Subtotal	19,554	19,554		
		Total - VIRGINIA	61,397	61,397		
		Total - Inside The United States	308,929	308,929		

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Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<u>Inside The United States</u>				
ARIZONA				
MARINE CORPS AIR STATION YUMA, ARIZONA	486	COMBAT AIRCRAFT LOADING APRON, PHASE II	3,000	Current
CALIFORNIA				
MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA	011	AVIATION ARMAMENT SHOP	6,610	Current
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA	023	HIGH EXPLOSIVE MAGAZINE	3,160	Current
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA	028	CONSTRUCTION EQUIPMENT SHOP	5,540	Current
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	038	ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV) TRAINING COMPLEX	28,810	Current
MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA	071	FIRE PROTECTION PIPELINE	5,320	Current
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	071	WATER TREATMENT, RESERVOIR AND DISTRIBUTION	12,000	Current
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	093A	BACHELOR ENLISTED QUARTERS	23,230	Current
NAVAL AIR STATION LEMOORE, CALIFORNIA	210	AIRCRAFT PARKING APRON	8,450	Current
NAVAL AIR STATION LEMOORE, CALIFORNIA	259	AIR PASSENGER TERMINAL	8,070	Current
NAVAL AIR WARFARE CENTER POINT MUGU, CALIFORNIA	267	EXTEND AIRCRAFT PARKING APRON	6,760	Current
NAVAL STATION SAN DIEGO, CALIFORNIA	373	PIER 2 ELECTRICAL UPGRADE	3,530	Current
MARINE AIR-GROUND TASK FORCE TNG COMMAND TWENTY NINE PALMS, CALIFORNIA	623	BACHELOR ENLISTED QUARTERS	25,770	Current
DIST OF COLUMBIA				
MARINE BARRACKS WASHINGTON, D.C.	995	SITE IMPROVEMENTS	3,700	Current
FLORIDA				
NAVAL AIR STATION PENSACOLA, FLORIDA	715	RUNWAY APPROACH LIGHTS	990	Current
NAVAL SCHOOL EXPLOSIVE ORDNANCE DISPOSAL EGLIN AIR FORCE BASE, FL	903	ADVANCED EXPLOSIVE ORDNANCE DISPOSAL TRAINING FACILITY	6,350	Current
HAWAII				
NAVAL STATION PEARL HARBOR, HAWAII	597	RECAPITALIZE BRAVO WHARFS	10,490	Current

Department of the Navy
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Mission Status Index

	Proj		Cost	Mission
Installation/Location	No.	Project Title	(\$000)	Status
ILLINOIS				
RECRUIT TRAINING COMMAND GREAT LAKES, ILLINOIS	734	RECRUIT BARRACKS	43,360	Current
RECRUIT TRAINING COMMAND GREAT LAKES, ILLINOIS	735	RECRUIT BARRACKS	41,740	Current
MAINE				
PORTSMOUTH NAVAL SHIPYARD KITTERY, MAINE	904	ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	11,600	Current
MARYLAND				
NAVAL AIR FACILITY ANDREWS AIR FORCE BASE, MARYLAND	026A	BACHELOR ENLISTED QUARTERS REPLACEMENT	9,680	Current
MISSISSIPPI				
NAVAL STATION PASCAGOULA, MISSISSIPPI	117	CONSTRUCT NEW NAVY CHANNEL	4,160	Current
NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI	777	COMMUNICATIONS/INSTRUCTION FACILITY	5,460	Current
NORTH CAROLINA				
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	007	FITNESS CENTER ADDITION	5,370	Current
MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA	114	T-56 TEST CELL	6,040	Current
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA	515	PROPERTY CONTROL FACILITY	6,920	Current
SOUTH CAROLINA				
MARINE CORP RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA	340	ALL WEATHER TRAINING FACILITY	7,410	Current
MARINE CORP RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA	341	RECRUIT TRAINING FACILITY ADDITION	3,080	Current
MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA	344	AIRCRAFT ACOUSTICAL ENCLOSURE	13,700	Current
TEXAS				
NAVAL AIR STATION KINGSVILLE, TEXAS	270	UPGRADE AIRFIELD LIGHTING AND CONTROLS	6,210	Current
VIRGINIA				
NAVAL STATION NORFOLK, VIRGINIA	152	AIRFIELD RECAP	11,290	Current
NAVAL STATION NORFOLK, VIRGINIA	226A	PIER REPLACEMENT (INCREMENT II)	33,520	Current
NAVAL SURFACE WEAPONS CENTER	276	THEATER WARFARE INTEGRATION CENTER	9,230	Current

Department of the Navy
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Mission Status Index

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
DAHLGREN, VIRGINIA NAVAL STATION	280	AIRCRAFT MAINTENANCE FACILITIES	34,450	Current
NORFOLK, VIRGINIA NAVAL STATION	293	BACHELOR ENLISTED QUARTERS SHIPBOARD ASHORE (INCREMENT I)	37,310	Current
NORFOLK, VIRGINIA NAVAL STATION	368	UPGRADE ELECTRICAL DISTRIBUTION PHASE II	25,160	Current
NORFOLK, VIRGINIA MARINE CORPS COMBAT DEVELOPMENT COMMAND	454	ARMORY/FLEET WEAPONS SUPPORT FACILITY	4,234	Current
QUANTICO, VIRGINIA NAVAL STATION	469	SHORELINE SECURITY FENCING	2,030	Current
NORFOLK, VIRGINIA NAVAL WEAPONS STATION	532	BACHELOR ENLISTED QUARTERS REPLACEMENT	15,020	Current
YORKTOWN, VIRGINIA MARINE CORPS COMBAT DEVELOPMENT COMMAND	532	BACHELOR ENLISTED QUARTERS, OFFICER CANDIDATE SCHOOL (OCS)	10,280	Current
QUANTICO, VIRGINIA MARINE CORPS COMBAT DEVELOPMENT COMMAND	535	BACHELOR ENLISTED QUARTERS (SNCO) ADDITION	5,040	Current
QUANTICO, VIRGINIA NAVAL AIR STATION	585	AIRFIELD APPROACH LIGHTING	2,000	Current
OCEANA, VIRGINIA NORFOLK NAVAL SHIPYARD	902	ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	19,660	Current
PORTSMOUTH, VIRGINIA				
WASHINGTON				
NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON	157	AIRCRAFT DIRECT REFUELING FACILITY	9,180	Current
NAVAL SUBMARINE BASE BANGOR, WASHINGTON	174	RELOCATE ENCUMBERED WATERFRONT SHOPS	5,900	Current
NAVAL STATION BREMERTON, WASHINGTON	301	BACHELOR ENLISTED QUARTERS (SHIPBOARD ASHORE)	35,120	Current
NAVAL STATION BREMERTON, WASHINGTON	312	WATERFRONT REVITALIZATION	8,550	Current
NAVAL MAGAZINE PORT HADLOCK, WASHINGTON	328	AMMUNITION WHARF IMPROVEMENTS	4,030	Current
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON	348	WATERFRONT SUPPORT FACILITIES	21,072	Current
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON	350	INDUSTRIAL WASTE TREATMENT FACILITY	11,390	Current
PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON	903	ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	21,670	Current
STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON	965	MISSILE SPARES STORAGE BUILDING	7,340	New

Department of the Navy
FY 2003 Military Construction and Family Housing Program
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<u>Outside The United States</u>				
BR INDIAN OCEAN TERR				
NAVAL SUPPORT FACILITY DIEGO GARCIA	141	PHYSICAL READINESS CENTER	8,370	Current
NAVAL SUPPORT FACILITY DIEGO GARCIA	871	WATERFRONT OPERATIONS SUPPORT FACILITY	2,720	Current
GREECE				
JOINT HEADQUARTERS COMMAND SOUTHCEN LARISSA, GREECE	901	BACHELOR ENLISTED QUARTERS AND SUPPORT FACILITIES	14,800	Current
GUAM				
COMMANDER U.S. NAVAL FORCES MARIANAS, GUAM	430	BACHELOR ENLISTED QUARTERS REPLACEMENT	13,400	Current
ICELAND				
NAVAL AIR STATION KEFLAVIK, ICELAND	723	COMBINED DINING FACILITY	14,920	Current
ITALY				
NAVAL AIR STATION SIGONELLA, ITALY	613	QOL SUPPORT II (RECAPITALIZATION OF NAS I, PHASE III)	33,530	Current
NAVAL AIR STATION SIGONELLA, ITALY	625	PARKING GARAGE AND PERIMETER SECURITY UPGRADE	19,560	Current
SOUTH WEST ASIA				
NAVAL SUPPORT ACTIVITY BAHRAIN	911	INSTALLATION SERVICE SUPPORT CENTER	25,970	Current
SPAIN				
JOINT COMMAND SOUTH WEST MADRID SPAIN	911	NAVY EXCHANGE (NEX) MORALE, WELFARE, RECREATION FACILITY	2,890	New
<u>Various Locations</u>				
NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS	203	PLANNING AND DESIGN	68,573	Current

Department of the Navy
FY 2003 Military Construction and Family Housing Program
Mission Status Index

	Proj	Cost	Mission
Installation/Location	No.	Project Title	(\$000) Status
Various Locations			
NAVAL AND MARINE CORPS	203	UNSPECIFIED MINOR CONSTRUCTION	23,262 Current
INSTALLATIONS			
VARIOUS LOCATIONS			

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Installation	Location	DD1390 PageNo.
<u>A</u>		
NAVAL AIR FACILITY	ANDREWS AIR FORCE BASE, MARYLAND	147
<u>B</u>		
STRATEGIC WEAPONS FACILITY PACIFIC	BANGOR, WASHINGTON	275
NAVAL SUBMARINE BASE	BANGOR, WASHINGTON	281
MARINE CORPS AIR STATION	BEAUFORT, SOUTH CAROLINA	185
PUGET SOUND NAVAL SHIPYARD	BREMERTON, WASHINGTON	287
NAVAL STATION	BREMERTON, WASHINGTON	301
<u>C</u>		
MARINE CORPS BASE	CAMP LEJEUNE, NORTH CAROLINA	167
MARINE CORPS BASE	CAMP PENDLETON, CALIFORNIA	35
MARINE CORPS AIR STATION	CAMP PENDLETON, CALIFORNIA	53
MARINE CORPS AIR STATION	CHERRY POINT, NORTH CAROLINA	173
<u>D</u>		
NAVAL SURFACE WEAPONS CENTER	DAHLGREN, VIRGINIA	207
<u>E</u>		
NAVAL SCHOOL EXPLOSIVE ORDNANCE DISPOSAL	EGLIN AIR FORCE BASE, FL	113
<u>G</u>		
RECRUIT TRAINING COMMAND	GREAT LAKES, ILLINOIS	131
NAVAL CONSTRUCTION BATTALION CENTER	GULFPORT, MISSISSIPPI	153
<u>K</u>		
NAVAL AIR STATION	KINGSVILLE, TEXAS	201
PORTSMOUTH NAVAL SHIPYARD	KITTERY, MAINE	141
<u>L</u>		
NAVAL AIR STATION	LEMOORE, CALIFORNIA	63
<u>M</u>		
MARINE CORPS AIR STATION	MIRAMAR, CALIFORNIA	73
<u>N</u>		
MARINE CORPS AIR STATION	NEW RIVER, NORTH CAROLINA	179
NAVAL STATION	NORFOLK, VIRGINIA	215
NAVAL AIR STATION	NORTH ISLAND, SAN DIEGO, CA	83
<u>O</u>		
NAVAL AIR STATION	OCEANA, VIRGINIA	243
<u>P</u>		
MARINE CORP RECRUIT DEPOT	PARRIS ISLAND, SOUTH CAROLINA	191
NAVAL STATION	PASCAGOULA, MISSISSIPPI	161
NAVAL STATION	PEARL HARBOR, HAWAII	125

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Installation Index

Installation	Location	DD1390 PageNo.
NAVAL AIR STATION	PENSACOLA, FLORIDA	
NAVAL AIR WARFARE CENTER	POINT MUGU, CALIFORNIA	89
NAVAL MAGAZINE	PORT HADLOCK, WASHINGTON	315
NORFOLK NAVAL SHIPYARD	PORTSMOUTH, VIRGINIA	249
<u>Q</u>		
MARINE CORPS COMBAT DEVELOPMENT COMMAND	QUANTICO, VIRGINIA	255
<u>S</u>		
NAVAL STATION	SAN DIEGO, CALIFORNIA	95
<u>I</u>		
MARINE AIR-GROUND TASK FORCE TNG COMMAND	TWENTY NINE PALMS, CALIFORNIA	101
<u>W</u>		
MARINE BARRACKS	WASHINGTON, D.C.	107
NAVAL AIR STATION	WHIDBEY ISLAND, WASHINGTON	321
<u>Y</u>		
NAVAL WEAPONS STATION	YORKTOWN, VIRGINIA	269
MARINE CORPS AIR STATION	YUMA, ARIZONA	29

APPROPRIATION
MILITARY CONSTRUCTION, NAVY

Department of the Navy
Annual Budget Estimates

FY 2003
Budget

SECTION 1 – APPROPRIATION LANGUAGE

For acquisition, construction, installation, and equipment of temporary or permanent public works, naval installations, facilities, and real property for the Navy as currently authorized by law, including personnel in the Naval Facilities Engineering Command and other personal services necessary for the purposes of this appropriation, [\$1,133,324] \$895,131,000 to remain available until September 30, [2006] 2007. Provided, that of this amount, not to exceed [\$33,786,000] \$68,573,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

SECTION 2 – EXPLANATION OF LANGUAGE CHANGES

1. Deletion of FY 2002 appropriations shown in brackets.

DEPARTMENT OF THE NAVY
FY 2003 MILITARY CONSTRUCTION PROGRAM

SPECIAL PROGRAM CONSIDERATIONS

POLLUTION ABATEMENT:

The military construction projects in this program will be designed to meet environmental standards. The Military construction projects proposed are primarily for the abatement of existing pollution problems at Naval and Marine Corps installations and have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY CONSERVATION:

The military construction projects proposed in this program will be designed for minimum energy consumption.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION:

Proposed land acquisition, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Numbers 11988 and 11990.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PRESERVATION OF HISTORICAL SITES AND STRUCTURES:

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

PLANNING IN THE NATIONAL CAPITAL REGION:

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the commission's annual review of the Future Years Defense Program (FYDP). Construction projects within the District of Columbia, with the exception of the Bolling/Anacostia area, are submitted to the Commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION:

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

ECONOMIC ANALYSIS:

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives could be evaluated, a primary economic analysis was prepared.

CONSTRUCTION CRITERIA MANUAL:

Project designs conform to Part II of Military Handbook 1190, "Facility Planning and Design Guide."

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02				
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA ARIZONA				4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 1.16				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	68	863	586	1	6	0	347	2,832	580	5,283
	56	498	330	116	75	0	419	3,068	786	5,348
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (463,235.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 253,828.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 36,230.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 3,000.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 40,842.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 15,580.00										
g. REMAINING DEFICIENCY..... 67,770.00										
h. GRAND TOTAL..... 417,250.00										
8. Projects Requested In This Program:										
Category						Cost	Design Status			
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>				<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>		
116.35	CALA (PHASE II) (323,036 SF)	30,011 m2				3,000	12/00	03/03		
TOTAL						3,000				
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
721.11	BACHELOR ENLISTED QUARTERS	500 PN				27,368				
211.05	A/C MAINTENANCE HANGAR (37,297 SF)	3,465 m2				13,474				
TOTAL						40,842				
b. Major Planned Next Three Years:										
740.43	FITNESS CENTER ADD	0 LS				891				
421.22	STA ORDNANCE AREA (PH II)	0 LS				8,309				
111.10	RUNWAY 3R/21L EXTENSION	0 LS				6,380				
TOTAL						15,580				
c. Real Property Maintenance Backlog (\$000): \$ 23,140										
10. Mission Or Major Functions:										
Provide facilities, services, and material necessary to support major operating elements of a Marine Aircraft Wing, including aircraft maintenance, air-traffic control, and aviation ordnance handling.										

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA ARIZONA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.16
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA, ARIZONA			4. Project Title COMBAT AIRCRAFT LOADING APRON, PHASE II		
5. Program Element 0206496M	6. Category Code 116.56	7. Project Number 486	8. Project Cost 3,000		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
COMBAT AIRCRAFT LOADING APRON, PHASE II (323,036 SF)	m2	30,011	-	2,340	
LOADING APRON (323,036 SF)	m2	30,011	78	(2,340)	
SUPPORTING FACILITIES	LS	-	-	270	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(40)	
ELECTRICAL UTILITIES	LS	-	-	(90)	
PAVING AND SITE IMPROVEMENT	LS	-	-	(100)	
PHYSICAL SECURITY	LS	-	-	(40)	

SUBTOTAL	-	-	-	2,610	
Contingency (5.0%)	-	-	-	130	

TOTAL CONTRACT COST	-	-	-	2,740	
Supervision Inspection & Overhead (6.0%)	-	-	-	160	

SUBTOTAL	-	-	-	2,900	
DESIGN/BUILD - DESIGN COST	LS	-	-	100	

TOTAL REQUEST	-	-	-	3,000	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct Phase II of Combat Aircraft Ordnance Loading Area (CALA). Loading apron will be 11 inches (280mm) of reinforced concrete over 6 inches (150mm) of compacted crushed stone subbase, with aircraft tie downs, grounding grid with contact points, perimeter taxiway lights, painted deck markings, aircraft and personnel signs. Supporting Facilities include: electrical power supply; lighting; physical security. Special Construction Features include: sustainable design (recyclable materials); construction and demolition waste management.</p>					
11. Requirement: <u>30,011 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>					
PROJECT:					
The project constructs Phase II of required Combat Aircraft Loading Apron (CALA). Phase I was funded in FY 2001. (Current mission)					
REQUIREMENT:					
(Continued On DD 1391C)					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M62974 MARINE CORPS AIR STATION YUMA, ARIZONA		
4. Project Title COMBAT AIRCRAFT LOADING APRON, PHASE II		7. Project Number 486
<p>(...continued)</p> <p>Safe and efficient aircraft ordnance loading and unloading apron for fixed wing and helicopter combat aircraft that conforms to all current ordnance storage and flightline regulations.</p> <p>CURRENT SITUATION:</p> <p>The existing CALA is not large enough to accommodate the required number of aircraft during Weapons Tactics Instructor (WTI) training. Consequently, MCAS, Yuma must load live ordnance on aircraft along the flight line. This requires a waiver because the explosive safety quantity distance (ESQD) arcs extend into inhabited buildings along and beyond the flight line. Additionally, during WTI aircraft must park along the taxiways, again within the ESQD arc, due to the lack of parking apron space.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>MCAS Yuma will continue to require a waiver to load ordnance on aircraft along the flightline with the associated ESQD arcs extending into inhabited buildings, and aircraft will continue to be parked on taxiways.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA, ARIZONA		
4. Project Title COMBAT AIRCRAFT LOADING APRON, PHASE II		7. Project Number 486
<p>(...continued)</p> <p>(A) Production of Plans and Specifications..... 155</p> <p>(B) All Other Design Costs..... 52</p> <p>(C) Total..... 207</p> <p>(D) Contract..... 130</p> <p>(E) In-House..... 77</p> <p>(4) Contract Award..... 12/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 08/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR ROBERT ANDRES Phone No: (520)-269-2051</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CALIFORNIA					4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 1.19			
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	286	1,066	1,542	69	5,477	0	2,213	29,019	3,908	43,580
	244	1,792	1,574	175	6,971	0	2,560	30,637	3,987	47,940
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (186,061.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 133,590.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 85,600.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 64,040.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 76,146.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 657,051.00										
g. REMAINING DEFICIENCY..... 460,005.00										
h. GRAND TOTAL..... 1,476,432.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>						
				<u>Start</u>	<u>Complete</u>					
721.11	BACHELOR ENLISTED QUARTERS (91,493 SF)	8,500 m2	23,230	12/00	05/03					
171.10	AAAV TRAINING COMPLEX (256,364 SF)	23,817 m2	28,810	12/00	09/02					
841.10	WTR TRTMNT PLNT/RESERVOIOR	0 LS	12,000	09/01	02/04					
TOTAL			64,040							
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
213.75	AAAV MAINTENANCE FACILITY (17,900 SF)	1,663 m2	7,600							
721.11	BEQ	0 LS	19,358							
831.00	TERTIARY SEWAGE TRTMNT REP	0 LS	25,063							
227.10	RADIO BATTALION (ISR CAMP)	0 SF	24,125							
TOTAL			76,146							
b. Major Planned Next Three Years:										
831.00	TERTIARY SEWAGE TRTMNT REP	0 LS	24,846							
721.24	BACHELOR ENLISTED QUARTERS	0 PN	91,233							
721.24	BACHELOR ENLISTED QUARTERS	0 PN	76,534							
721.11	BEQ	0 LS	16,686							
(Continued On DD 1390C)										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02																																																																
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CALIFORNIA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.19																																																																
<p>(...continued)</p> <table> <tr> <td>213.75</td> <td>AVTB/DEL MAR BOAT BASIN</td> <td>0 LS</td> <td>3,770</td> </tr> <tr> <td>721.24</td> <td>BACHELOR ENLISTED QUARTERS</td> <td>0 PN</td> <td>360,779</td> </tr> <tr> <td>841.10</td> <td>TREATED WATER SYS IMPVS</td> <td>0 LS</td> <td>2,653</td> </tr> <tr> <td>721.11</td> <td>BACHELOR ENLISTED QUARTERS</td> <td>868 m2</td> <td>16,634</td> </tr> <tr> <td></td> <td>(9,343 SF)</td> <td></td> <td></td> </tr> <tr> <td>841.51</td> <td>5 MILLION GALLON RESERVOIR</td> <td>0 LS</td> <td>8,307</td> </tr> <tr> <td>721.11</td> <td>BEQ, CHAPPO</td> <td>0 LS</td> <td>20,106</td> </tr> <tr> <td>740.43</td> <td>PHYSICAL FIT CTR (CHAPPO) (3,423 SF)</td> <td>318 m2</td> <td>4,528</td> </tr> <tr> <td>317.10</td> <td>RDT&E (22,949 SF)</td> <td>2,132 m2</td> <td>10,069</td> </tr> <tr> <td>730.10</td> <td>FIRE STATION (20 AREA)</td> <td>5,100 SF</td> <td>2,992</td> </tr> <tr> <td>730.10</td> <td>FIRE STATION, PULGAS</td> <td>0 LS</td> <td>2,992</td> </tr> <tr> <td>740.74</td> <td>CHILD DEVELOPMENT CENTER (19,870 SF)</td> <td>1,846 m2</td> <td>1,896</td> </tr> <tr> <td>214.51</td> <td>REG MAINT SUPPORT COMPLEX</td> <td>0 SF</td> <td>10,273</td> </tr> <tr> <td>740.74</td> <td>CHILD DEVELOPMENT CENTER</td> <td>0 LS</td> <td>2,753</td> </tr> <tr> <td></td> <td></td> <td></td> <td>-----</td> </tr> <tr> <td></td> <td>TOTAL</td> <td></td> <td>657,051</td> </tr> </table> <p>c. Real Property Maintenance Backlog (\$000): \$ 139,290</p>				213.75	AVTB/DEL MAR BOAT BASIN	0 LS	3,770	721.24	BACHELOR ENLISTED QUARTERS	0 PN	360,779	841.10	TREATED WATER SYS IMPVS	0 LS	2,653	721.11	BACHELOR ENLISTED QUARTERS	868 m2	16,634		(9,343 SF)			841.51	5 MILLION GALLON RESERVOIR	0 LS	8,307	721.11	BEQ, CHAPPO	0 LS	20,106	740.43	PHYSICAL FIT CTR (CHAPPO) (3,423 SF)	318 m2	4,528	317.10	RDT&E (22,949 SF)	2,132 m2	10,069	730.10	FIRE STATION (20 AREA)	5,100 SF	2,992	730.10	FIRE STATION, PULGAS	0 LS	2,992	740.74	CHILD DEVELOPMENT CENTER (19,870 SF)	1,846 m2	1,896	214.51	REG MAINT SUPPORT COMPLEX	0 SF	10,273	740.74	CHILD DEVELOPMENT CENTER	0 LS	2,753				-----		TOTAL		657,051
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<p>10. Mission Or Major Functions:</p> <p>Provide housing, training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools and other training as directed. Organize and train replacement units for deployment overseas as directed. Provide logistical support for other Marine Corps activities as directed.</p>																																																																			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>																																																																			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			4. Project Title ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV) TRAINING COMPLEX		
5. Program Element 0206496M	6. Category Code 171.10	7. Project Number 038	8. Project Cost 28,810		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV) T (256,364 SF)	m2	23,817	-	19,150	
ACADEMIC INSTRUCTION BUILDING (32,970 SF)	m2	3,063	1,657	(5,080)	
APPLIED INSTRUCTION BUILDING (15,242 SF)	m2	1,416	2,154	(3,050)	
AAAV MAINTENANCE SHOP (39,848 SF)	m2	3,702	1,680	(6,220)	
COVERED STORAGE (27,911 SF)	m2	2,593	719	(1,860)	
ORGANIZATIONAL VEHICLE PARKING AREA (140,394 SF)	m2	13,043	130	(1,700)	
HAZARDOUS MATERIAL STORAGE	LS	-	-	(370)	
BUILT-IN EQUIPMENT	LS	-	-	(320)	
INFORMATION SYSTEMS	LS	-	-	(430)	
TECHNICAL OPERATING MANUALS	LS	-	-	(120)	
SUPPORTING FACILITIES	LS	-	-	6,740	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,390)	
ELECTRICAL UTILITIES	LS	-	-	(1,290)	
MECHANICAL UTILITIES	LS	-	-	(200)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,200)	
TEMPORARY FACILITIES	LS	-	-	(290)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(300)	
ENVIRONMENTAL MITIGATION	LS	-	-	(1,100)	
DEMOLITION	LS	-	-	(970)	

SUBTOTAL	-	-	-	25,890	
Contingency (5.0%)	-	-	-	1,290	

TOTAL CONTRACT COST	-	-	-	27,180	
Supervision Inspection & Overhead (6.0%)	-	-	-	1,630	

TOTAL REQUEST	-	-	-	28,810	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a multi-story and single story reinforced concrete masonry buildings with seismic upgrades, reinforced concrete foundation and floors, and standing seam metal roof over steel trusses, providing: classrooms; administrative offices; multimedia center; library; auditorium with tiered seating for at least 75 persons. Includes maintenance bays;</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV) TRAINING COMPLEX		7. Project Number 038
<p>(...continued)</p> <p>optic/laser repair and training bays with computer ports; optic shop with clean room; welding shop; machine shop; computer repair; communications equipment repair; battery shop; tool room; weapons armory; equipment staging/check-out space; spare parts storage; mechanical spaces; multipurpose rooms; break rooms; male and female restrooms with lockers and showers. Construct a 12'' thick reinforced concrete slab around the building with exterior weapons cleaning area; covered vehicle training/parking area with vehicle heating, ventilating and air conditioning (HVAC) supply ducts, DC Power Drops and Local Area Network connections; covered parking bays maintenance training; two elevated Chine/Lube racks; a drive-through vehicle Rinse Rack; oil/water separator and filtration system; POL/Hazmat storage; and replacement of two vehicle rinse racks at the Del Mar Boat Basin. Electrical systems include: fire alarms; energy saving electronic monitoring and control system (EMCS); information systems; Intrusion Detection System and security equipment (surveillance and access control to selected rooms/areas); four types of power (120VAC, 220VAC, 3 phase power (208V), and 28VDC). Mechanical systems include: plumbing; fire protection systems; heating ventilation and air conditioning. Special Construction Features include: upgraded seismic resistance because of earthquake fault proximity; sound attenuation and sustainable design (recyclable materials). Built-in equipment includes 10-ton bridge cranes, freight elevator, compressed air, battery/welding shop exhaust systems. Supporting facilities include: site and building utility connections (water, natural gas, sanitary and storm sewers; electrical; telephone; Local Area Network. Paving and site improvements include: paved parking; sidewalks; roadways access; earthwork, grading and landscaping.</p> <p>Temporary Facilities are leased trailers to house existing instruction and maintenance facilities which will be demolished and replaced by this project. Environmental Mitigation includes: mitigation of sensitive resources in the Del Mar boat basin (e.g., eel grass; biological and cultural resources); remediation of contaminated soil caused by an Underground Storage Tank (UST) that leaked hydrocarbons under two buildings to be demolished and at three Resource Conservation and Recovery Act (RCRA) Facility Assessment sites; testing for and abatement of lead paint and asbestos at existing structures to be demolished. Also includes technical operating manuals; Anti-Terrorism/Force Protection features; demolition of existing buildings and demolition of tactical vehicle concrete parking ramp including any necessary abatement of asbestos, lead paint, or other types of hazardous materials.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV) TRAINING COMPLEX		7. Project Number 038
<p>(...continued)</p> <p>11. Requirement: <u>23,817 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs a Consolidated Training, Maintenance & Headquarters Complex to accommodate Advanced Amphibious Assault Vehicles (AAAV's). This complex will support training of Operators and Maintainers of the existing AAV as well as the new high performance AAAV and will serve as the Headquarters Building for the AAS Battalion Staff and Instructors. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate and efficiently configured facilities to train Marines in the operation and maintenance of this highly sophisticated new Advanced Amphibious Assault Vehicle. The AAS Battalion at Del Mar in Camp Pendleton is the only AA School in the Marine Corps that provides this essential training.</p> <p>CURRENT SITUATION:</p> <p>The school consists of a two-story academic/administrative building constructed in 1960, and three external Quonset huts, which serve as laboratories for the BVCR, IMC, and turret maintenance. All of the training facilities are inadequate for supporting either the existing AAV or the newly developed AAAV. AA School Battalion provides essential training in the maintenance and operation, including tactics and strategy, of the Assault Amphibian Vehicle (AAV) for the entire Marine Corps. The school provides the following training: Basic Vehicle Repair Course (BVRC), Intermediate Maintenance Course (IMC), Basic Crewman Course (BCC), and the Advanced Vehicle Unit Leader's Course (AVULC) for senior crewmen and officers and a Basic Crewman Course for the Reserves. The current academic facility does not have sufficient space, power, air conditioning and access flooring to accommodate the new Driver Simulator, Turret Simulator, Task Trainers and Electronic Classroom Equipment being procured for the AAAV. The current Instructor Offices and Administrative spaces are very crowded and do not meet current space criteria.</p> <p>The maintenance facility is a 1944 vintage wood building designed as a warehouse and light vehicle maintenance facility. Currently, the building does not adequately accommodate administrative functions, communications repair, machine shop operations, tool storage, and optics repair. The</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV) TRAINING COMPLEX		7. Project Number 038
<p>(...continued)</p> <p>structure is in poor condition, and lacks adequate electrical power. The facility does not properly accommodate the existing AAV and will not accommodate the AAV. The existing 6,000-pound overhead crane is undersized for the AAV, which requires a 10,000-pound crane. The concrete floor has cracked and failed under the weight of AAVs. The welding shop occupies one third of a metal building, which also serves as the Turret Laboratory. Because of the welding shop's poor lighting and small size, all vehicle welding must be performed outside. Currently, the facility does not support training requirements for the IMC welding phase. The machine shop's wiring is substandard. Conduit is falling off the walls, and power does not adequately support the operation of all machines. The school has no battery shop. A covered parking area currently services 13 AAV's and a covered POL/Hazmat Area. This covered parking area is rusting and leaking and is not large enough for the 35 AAV's.</p> <p>The existing Engine and Transmission Dynamometer Shops will not be required for AAV Training, since the Vehicle Maintenance Concept requires Unit Removal & Replacement (UR&R) of these items. Therefore, the dynamometers will be removed and the buildings demolished.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The AA School Battalion will be unable to provide the maintenance and operational training required by the Marine Corps to implement the high performance AAV. This will result in deterioration of the Corps' combat readiness and additional operations and maintenance dollars will be diverted to maintain the current deteriorating and dysfunctional Maintenance Facility, Quonset Huts and Welding Shop. There will be no facilities to house simulators and Electronic Training Equipment/Classrooms when delivered.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title ADVANCED AMPHIBIOUS ASSAULT VEHICLE (AAAV) TRAINING COMPLEX		7. Project Number 038
<p>(...continued)</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 1540</p> <p>(B) All Other Design Costs..... 514</p> <p>(C) Total..... 2054</p> <p>(D) Contract..... 1284</p> <p>(E) In-House..... 770</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 12/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: KHOA PHAM Phone No: 760-725-6083</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			4. Project Title BACHELOR ENLISTED QUARTERS	
5. Program Element 0206496M	6. Category Code 721.24	7. Project Number 093A	8. Project Cost 23,230	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS (91,493 SF)	m2	8,500	-	15,960
BACHELOR ENLISTED QUARTERS (91,493 SF)	m2	8,500	1,848	(15,710)
BUILT-IN EQUIPMENT	LS	-	-	(80)
INFORMATION SYSTEMS	LS	-	-	(60)
TECHNICAL OPERATING MANUALS	LS	-	-	(110)
SUPPORTING FACILITIES	LS	-	-	4,190
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,400)
ELECTRICAL UTILITIES	LS	-	-	(330)
MECHANICAL UTILITIES	LS	-	-	(140)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,610)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(390)
ENVIRONMENTAL MITIGATION	LS	-	-	(230)
DEMOLITION	LS	-	-	(90)

SUBTOTAL	-	-	-	20,150
Contingency (5.0%)	-	-	-	1,010

TOTAL CONTRACT COST	-	-	-	21,160
Supervision Inspection & Overhead (6.0%)	-	-	-	1,270

SUBTOTAL	-	-	-	22,430
DESIGN/BUILD - DESIGN COST	LS	-	-	800

TOTAL REQUEST	-	-	-	23,230
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Multi-story reinforced concrete masonry building with seismic upgrades, service elevator, pile foundation, reinforced concrete slab and floors, and standing seam metal roof, providing 200 rooms with semi-private bathrooms in the standard 2X0 room configuration. Community and service core areas include: laundry facilities; lounges; administrative offices; housekeeping areas; public restrooms. Electrical and mechanical systems include: fire alarms; energy saving electronic monitoring and control system (EMCS); information systems; plumbing; fire protection systems; heating, ventilation and air conditioning. Built-in Equipment is a freight/personnel elevator. Special Construction Features include: pile</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 093A
<p>(...continued)</p> <p>foundations; upgraded seismic resistance because of proximity to earthquake fault; sustainable design (recyclable materials). Supporting facilities include: site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, local area network; cable television. Paving and site improvements include: parking: sidewalks: recreation facilities/courts; roadways; bus shelter/turnouts; earthwork; grading; landscaping. Also includes: technical operating manuals; Anti-Terrorism/Force Protection features, demolition of existing pavement and large trees, necessary environmental mitigation.</p> <p>Rooms: 200 two person rooms. Maximum utilization: 400 E1-E3. Intended Grade Mix: 280 E1-E3, 54 E-4, 6 E5. Total: 340 persons.</p>		
11. Requirement: <u>2,490 PN</u> Adequate: <u>976 PN</u> Substandard: <u>0 PN</u> PROJECT: Provides 400 living spaces for bachelor enlisted personnel (200 two-person rooms) using the 2x0 standard room design for permanent party enlisted personnel. (Current mission) REQUIREMENT: Adequate billeting for enlisted personnel in the Chappo area of Marine Corps Base Camp Pendleton. This project will correct space deficiencies and supports the Commandant of the Marine Corps goal to replace all inadequate bachelor quarters with new 2x0 configured barracks that meet modern quality of life standards. CURRENT SITUATION: Adequate billeting is currently at maximum capacity with three and four persons per room. The existing barracks were built in the outdated 3x2x1 configuration. MCB Camp Pendleton has the largest deficiency of BEQ space and, this area has a deficiency in excess of 1,500 persons. A significant number of junior enlisted members must find housing off base at high cost and must commute to work. IMPACT IF NOT PROVIDED: If this project is not provided, personnel will continue to be billeted in		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 093A
<p>(...continued)</p> <p>crowded conditions, or forced to find housing off base at high cost with the additional burden of commuting. They will endure a lower quality of life to the detriment of morale and retention efforts.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 05/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 600</p> <p>(B) All Other Design Costs..... 200</p> <p>(C) Total..... 800</p> <p>(D) Contract..... 200</p> <p>(E) In-House..... 600</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 06/03</p> <p>(6) Construction Completion..... 10/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: KHOA PHAM Phone No: 760-725-6083</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 093A
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			4. Project Title WATER TREATMENT, RESERVOIR AND DISTRIBUTION	
5. Program Element 0206496M	6. Category Code 841.10	7. Project Number 071	8. Project Cost 12,000	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATER TREATMENT, RESERVOIR AND DISTRIBUTION	LS	-	-	9,760
WATER TREATMENT FACILITIES	MG	6	406,980	(2,440)
RESERVOIR - POTABLE WATER	MG	3	1,457,750	(4,370)
WATER DISTRIBUTION LINE, POTABLE	LF	7,700	357	(2,750)
BUILT IN EQUIPMENT	LS	-	-	(80)
INFORMATION SYSTEMS	LS	-	-	(20)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	640
PAVING AND SITE IMPROVEMENTS	LS	-	-	(30)
ENVIRONMENTAL MITIGATION	LS	-	-	(590)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(20)

SUBTOTAL	-	-	-	10,400
Contingency (5.0%)	-	-	-	520

TOTAL CONTRACT COST	-	-	-	10,920
Supervision Inspection & Overhead (6.0%)	-	-	-	660

SUBTOTAL	-	-	-	11,580
DESIGN/BUILD DESIGN COST	LS	-	-	420

TOTAL REQUEST	-	-	-	12,000
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a new Iron/Manganese (IM) Treatment Facility with a minimum 6.0 million gallons (MG) per day capacity based on a sustained 6000 gallon per minute capability; include site work, concrete foundation, IM process units, filter backwash tank, testing laboratory, chemical pump/tank enclosure, PH and corrosion inhibitor feed system, reclaim system, and sewer connections; construct a new Reservoir with approximately 3.0 MG capacity, including site work/drainage improvements, concrete foundation, tank installation and connection piping; construct approximately 7,700 linear feet (LF) of treated potable water distribution piping including trenching, pipe installation, valves, testing, controls, backfilling and compaction. Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, and</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title WATER TREATMENT, RESERVOIR AND DISTRIBUTION		7. Project Number 071
<p>(...continued)</p> <p>Local Area Network (LAN). Built-in equipment includes an emergency generator for back up power supply. Integral electrical systems include power supply and distribution, controls, fire alarms, energy saving electronic monitoring and control system (EMCS), information systems, and programming at the existing Iron/ Manganese Treatment Plant to ensure coordinated operation of the entire South Potable Water System. Integral mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Paving and site improvements include paved parking, sidewalks, roadways access, earthwork, grading and landscaping. Also includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, and Environmental Monitoring and Mitigation.</p>		
<p>11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u></p> <p>PROJECT:</p> <p>This project constructs a new Iron/Manganese Treatment Facility with approximately 6.0 MG per day capacity, a new reservoir with approximately 3.0 MG capacity based on a sustained 6000 gallon per minute capability, and approximately 7,700 LF of treated water piping, valves, controls, testing, trenching, backfilling and pavement restoration that will provide MCB Camp Pendleton fully treated potable water to customers in the Southern Water system. (Current mission)</p> <p>REQUIREMENT:</p> <p>Treat all water produced within the system to meet secondary drinking water standards and to meet peak day demands, fire flow, and emergency storage requirements. This project will be the second of three to provide treated water to all customers in the Southern Water system. This project will provide a second Water Treatment Plant, treated water distribution piping and a 3.0 MG reservoir that together with the existing Iron/Manganese Plant will be able to treat all the water from the 13 Southern Water System wells. The project provides improvements to the treated water distribution system so all areas served by the Southern Water System will have equal pressure and flow of treated water. The 3.0 MG reservoir must be constructed at a critical elevation of 266 feet to maintain equal levels in the Southern Water System reservoirs. The third project will provide additional treated water storage of 4.0 MG south of the existing water treatment plant that will increase the storage of water for the Wire Mountain and Del Mar areas.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title WATER TREATMENT, RESERVOIR AND DISTRIBUTION		7. Project Number 071
<p>(...continued)</p> <p>CURRENT SITUATION:</p> <p>State of California Department of Health Services (DHS) issued Compliance Order No. 04-14-99CO-002 on 23 Jul 99 requiring MCB Camp Pendleton to complete a Phase II Iron and Manganese Treatment Facility, make it fully operational by 1 Jan 2006, and treat all drinking water in the Santa Margarita Basin portion of the South System. The citation was issued because MCB Camp Pendleton violated CA Health and Safety Code Section 11655(a) and CA Code of Regulations, Title 22, Section 64449 (a), 64449 (b)(3) and 64449.5 (d) by delivering water to consumers exceeding secondary standards for Manganese (Mn), Iron (Fe), color and containing significant amounts of particulate matter.</p> <p>Camp Pendleton obtains all of its water from local groundwater basins, with the exception of San Mateo Point Housing. The Base uses four principle sources of groundwater to supply the North Water System and to supply a separate, unconnected South Water System. The Santa Margarita portion of the South Water System, which supplies two-thirds of the Base's water, has historically experienced problems with elevated levels of iron and manganese, resulting in discolored, or "brown" water. There are thirteen wells in the Santa Margarita River Basin that produce water for the Southern Part of Camp Pendleton. All 13 Wells exceed the limits for manganese and 4 wells exceed the limits for iron allowed under the standards set by the California Department of Health Services. Of these 13 wells, 8 were feeding directly into the water distribution system with 5 wells passing through the existing water treatment facility. The existing Iron/Manganese Water Treatment Plant has a capacity to produce 6.48 million gallons of treated water daily, while the maximum demand on the system is 11.76 million gallons.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>This new Iron and Manganese Treatment facility and treated water distribution piping system must be constructed in order to treat Santa Margarita River Basin well water which exceeds secondary standards for iron and manganese. DHS has determined that there is a potential health risk of neurological damage to infants two years of age who drink water from this portion of the South System and has directed the Base to supply bottled water to these infants. DHS has determined that manganese levels in the drinking water system can be approximately 100 times the secondary maximum contaminate level of 0.05 mg/L. The quality of life for residents in this portion of the Base will continue to be compromised by poor quality water which appears brown in color, does not taste good and</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title WATER TREATMENT, RESERVOIR AND DISTRIBUTION		7. Project Number 071
<p>(...continued)</p> <p>stains clothing in the wash. Camp Pendleton is subject to fines from DHS for continued violation of secondary drinking water standards and failure to meet the requirements of the compliance order.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 09/01</p> <p>(B) Date Design 35% Complete..... 06/03</p> <p>(C) Date Design Complete..... 02/04</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 312</p> <p>(B) All Other Design Costs..... 104</p> <p>(C) Total..... 416</p> <p>(D) Contract..... 104</p> <p>(E) In-House..... 312</p> <p>(4) Contract Award..... 08/03</p> <p>(5) Construction Start..... 10/03</p> <p>(6) Construction Completion..... 01/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: KHOA PHAM Phone No: 760-725-6083</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title WATER TREATMENT, RESERVOIR AND DISTRIBUTION		7. Project Number 071
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM							2. Date 2/12/02		
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CALIFORNIA					4. Command Commandant of the Marine Corps			5. Area Constr Cost Index 1.19		
6. Personnel Strength										
	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 9/30/01	20	334	16	20	212	0	330	2,380	15	3,327
b. End FY 2008	24	219	58	93	293	0	399	3,204	16	4,306
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (411.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001.....								132,782.00		
c. AUTHORIZATION NOT YET IN INVENTORY.....								14,020.00		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....								11,930.00		
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....								0.00		
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....								9,824.00		
g. REMAINING DEFICIENCY.....								214,740.00		
h. GRAND TOTAL								383,296.00		
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>						
				<u>Start</u>	<u>Complete</u>					
211.54	AVIATION ARMAMENT SHOP (59,718 SF)	5,548 m2	6,610	12/00	04/03					
843.10	FIRE PROTECTION PIPELINE (18,150 LF)	5,532 m	5,320	12/00	03/03					
TOTAL			11,930							
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
610.71	COMPOSITE OPERATIONS CTR (39,999 SF)	3,716 m2	5,725							
218.20	WEIGHT HANDLING SHOP	0 LS	4,099							
TOTAL			9,824							
c. Real Property Maintenance Backlog (\$000): \$ 5,120										
10. Mission Or Major Functions:										
As a key component of the Commander, Marine Corps Air Bases, West, provides airfield facilities and material to support operations of the third Marine Aircraft Wing Unit.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA			4. Project Title AVIATION ARMAMENT SHOP	
5. Program Element 0206496M	6. Category Code 211.54	7. Project Number 011	8. Project Cost 6,610	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
AVIATION ARMAMENT SHOP (59,718 SF)	m2	5,548	-	3,320
EQUIP SHED (HUMIDITY CONTROLLED BLDG) (2,400 SF)	m2	223	1,044	(230)
ARMAMENT STORAGE SHED (56,511 SF)	m2	5,250	529	(2,780)
HAZMAT STORAGE (807 SF)	m2	75	2,451	(180)
BUILT IN EQUIPMENT	LS	-	-	(80)
INFORMATION SYSTEMS	LS	-	-	(20)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	2,410
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(200)
ELECTRICAL UTILITIES	LS	-	-	(70)
MECHANICAL UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,420)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(180)
ENVIRONMENTAL MITIGATION	LS	-	-	(50)
DEMOLITION	LS	-	-	(410)

SUBTOTAL	-	-	-	5,730
Contingency (5.0%)	-	-	-	290

TOTAL CONTRACT COST	-	-	-	6,020
Supervision Inspection & Overhead (6.0%)	-	-	-	360

SUBTOTAL	-	-	-	6,380
DESIGN/BUILD - DESIGN COST	LS	-	-	230

TOTAL REQUEST	-	-	-	6,610
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct single-story steel frame warehouse buildings with seismic upgrades, reinforced concrete slab floors on pile foundations, reinforced concrete masonry and steel panel exterior walls, steel trusses and metal roofing. Electrical systems to include: fire alarms; interior lighting; information systems. Mechanical systems to include: plumbing; fire protection; heating, ventilation and air conditioning. Special Construction Features consist of additional humidity control, security</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA			
4. Project Title AVIATION ARMAMENT SHOP			7. Project Number 011
<p>(...continued)</p> <p>cages and catchment areas inside sheds. Supporting facilities work to include site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, and Local Area Network (LAN)); paving and site improvements (parking, sidewalks, earthwork, grading, landscaping). Also includes technical operating manuals, Anti-Terrorism/Force Protection features, site demolition, and dewatering with filtering for contaminated water in accordance with the Regional Water Quality Control Board environmental requirements.</p>			
<p>11. Requirement: <u>5,548 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs humidity controlled storage to safely, securely and efficiently protect weapons and ground support equipment. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities to house 1,867 aircraft-mountable weapons support equipment items, 143 ordnance trailers and 339 ground support equipment items to consolidate and centralize storage of weapons and ground support equipment necessary for MAG-39 operations in a secure, weather-protected enclosure. This will increase operational efficiency, reduce maintenance and extend the service life of this equipment.</p> <p>CURRENT SITUATION:</p> <p>MCAS Camp Pendleton supports Marine Aircraft Group (MAG-39), which comprises the entire West Coast Active H-1 helicopter community and 3 squadrons of CH-46 helicopters. The H-1 community provides close air support, anti-armor, reconnaissance, forward air control (airborne naval gunfire control), airborne command post, small unit vertical insertion, light transport, air search and rescue, medical evacuation, medium transport and aerial combat troop transport missions to the Marine Forces Pacific Command (MARFORPAC). The Air Combat Element composites H-1 and CH-53E aircraft around CH-46 squadrons. These units are used for humanitarian assistance, forward presence, deterrence, peacekeeping, operations short of war, and warfare as defined by the National Command Authority (NCA).</p> <p>There are no ample/adequate indoor facilities to store and maintain valuable military hardware. Currently, there is shed space for only 255</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA		
4. Project Title AVIATION ARMAMENT SHOP		7. Project Number 011
<p>(...continued)</p> <p>items of ground support equipment on the Air Station. The remaining 339 pieces of ground support equipment are stored outside on the Air Station. The 1,867 items of weapons support equipment and the 143 ordnance trailers are dispersed in various exposed locations across Vandergrift Boulevard, a four-lane highway up to one-half mile from their point of use. While current regulations require the presence of the equipment to operate aircraft, and establishes procedures for preservation of equipment stored without weather protection, the responsible unit has neither the personnel nor the material funding to meet this requirement. The result is that the equipment exposed to the weather deteriorates faster, and expenses from the procurement account are used for early replacement instead of modernization of our warfighting assets.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Operational efficiency will continue to decrease, maintenance effort and cost will increase, and the service life of this equipment will be severely shortened. The useful service life of the equipment is estimated to be five to ten years less than it would be if the equipment were protected from inclement weather. The support equipment is required for the daily operation of aircraft in MAG-39. If the equipment is not operational due to an overtaxed maintenance effort, or is awaiting replacement, MAG-39 may not be able to perform its assigned missions.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 04/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA		
4. Project Title AVIATION ARMAMENT SHOP		7. Project Number 011
<p>(...continued)</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 170</p> <p>(B) All Other Design Costs..... 57</p> <p>(C) Total..... 227</p> <p>(D) Contract..... 57</p> <p>(E) In-House..... 170</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 04/03</p> <p>(6) Construction Completion..... 08/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LT WILLIAM HEDGES Phone No: (760)-725-9800</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA			4. Project Title FIRE PROTECTION PIPELINE	
5. Program Element 0206496M	6. Category Code 842.10	7. Project Number 071	8. Project Cost 5,320	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
FIRE PROTECTION PIPELINE (18,150 LF)	m	5,532	-	2,510
LOOP FIRE WATER MAIN (18,150 LF)	m	5,532	451	(2,490)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	2,110
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,210)
ELECTRICAL UTILITIES	LS	-	-	(60)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(520)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(20)
ENVIRONMENTAL MITIGATION	LS	-	-	(160)
DEMOLITION	LS	-	-	(140)

SUBTOTAL	-	-	-	4,620
Contingency (5.0%)	-	-	-	230

TOTAL CONTRACT COST	-	-	-	4,850
Supervision Inspection & Overhead (6.0%)	-	-	-	290

SUBTOTAL	-	-	-	5,140
DESIGN/BUILD - DESIGN COST	LS	-	-	180

TOTAL REQUEST	-	-	-	5,320
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a water main pipeline parallel to the existing potable water main and connected to the main by multiple laterals to create a loop system. The system will include: piping; hydrants; valves; pumps; connections; backflow prevention; excavation; backfilling and repair of disturbed flexible pavement. Electrical utilities include cathodic protection. Special construction features include: required dewatering with filtering for contaminated water in accordance with Regional Water Quality Control Board environmental requirements; traffic mitigation; and bridging of the pipeline over roadways, utilities and wetlands.</p>				
11. Requirement: <u>5,532 m</u> Adequate: <u>0 m</u> Substandard: <u>0 m</u>				
PROJECT:				
Provide reliable water flow for automatic fire suppression for aircraft,				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA		
4. Project Title FIRE PROTECTION PIPELINE		7. Project Number 071
<p>(...continued)</p> <p>personnel, equipment and facilities in case of a break in the existing potable water main. (Current mission)</p> <p>REQUIREMENT:</p> <p>Sufficient, reliable quantities of water, with a loop configuration, for firefighting, automatic fire sprinkler systems and Aqueous Film Forming Foam hangar deluge systems for the aircraft and equipment, personnel, and facilities.</p> <p>CURRENT SITUATION:</p> <p>MCAS Camp Pendleton supports Marine Air Group 39 (MAG-39) and elements of MAG-46 (Reserve), a total of 208 aircraft, 4,885 personnel and 597,850 square feet of facilities. Due to the extremely high density of construction currently existing at the Air Station, the threat of mass conflagration is real. Without a loop fire water main to ensure the operation of the automatic fire suppression system, the entire Air Station and its contents are at risk from fire. The Air Station water main frequently breaks and must often be shut down for construction connections and maintenance of facilities. At such times there is no water for the fire sprinkler systems in any facility downstream of the interruption. Interruptions requiring emergency service usually take two to five days to return the utility to service; at times there has been a three-day period when the entire Air Station was without fire sprinkler protection. The Air Station water system consists of a single water line running from the Marine Corps Base Camp Pendleton reservoir, through the Air Station, and then east to other areas of the base. This line was installed in WWII with the original base construction. The line is deteriorated and brittle with age and susceptible to breakage.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Personnel, aircraft and equipment will continue to be exposed to risk of loss by fire. Fire sprinklers provide the first and best response to a fire, suppressing the event without human intervention. Without immediate suppression, fires rapidly spread, involving the entire structure and threatening personnel, surrounding aircraft, equipment and structures.</p>		
12. Supplemental Data:		
A. Estimated Design Data: (Parametric estimates have been used to develop		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA		
4. Project Title FIRE PROTECTION PIPELINE		7. Project Number 071
<p>(...continued)</p> <p>project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 137</p> <p>(B) All Other Design Costs..... 46</p> <p>(C) Total..... 183</p> <p>(D) Contract..... 46</p> <p>(E) In-House..... 137</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 03/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LT WILLIAM HEDGES Phone No: (760)-725-9800</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA		
4. Project Title FIRE PROTECTION PIPELINE		7. Project Number 071
<p>(...continued)</p> <p>for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM							2. Date 2/12/02																																											
3. Installation and Location/UIC: N63042 NAVAL AIR STATION LEMOORE CALIFORNIA					4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 1.25																																											
6. Personnel Strength																																																			
<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Permanent</th> <th colspan="3">Students</th> <th colspan="3">Supported</th> <th rowspan="2">Total</th> </tr> <tr> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> </tr> </thead> <tbody> <tr> <td>a. As Of 9/30/01</td> <td>645</td> <td>4,130</td> <td>725</td> <td>0</td> <td>0</td> <td>0</td> <td>50</td> <td>93</td> <td>0</td> <td>5,643</td> </tr> <tr> <td>b. End FY 2008</td> <td>947</td> <td>5,610</td> <td>1,080</td> <td>0</td> <td>0</td> <td>0</td> <td>50</td> <td>93</td> <td>0</td> <td>7,780</td> </tr> </tbody> </table>											Permanent			Students			Supported			Total	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	a. As Of 9/30/01	645	4,130	725	0	0	0	50	93	0	5,643	b. End FY 2008	947	5,610	1,080	0	0	0	50	93	0	7,780
	Permanent			Students			Supported				Total																																								
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b. End FY 2008	947	5,610	1,080	0	0	0	50	93	0	7,780																																									
7. INVENTORY DATA (\$000)																																																			
a. TOTAL ACREAGE (39,173.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 426,025.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 54,020.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 16,520.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 27,595.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 44,765.00 g. REMAINING DEFICIENCY..... 1,204,837.00 h. GRAND TOTAL..... 1,773,762.00																																																			
8. Projects Requested In This Program:																																																			
<table border="0"> <thead> <tr> <th colspan="2">Category</th> <th>Scope</th> <th>Cost (\$000)</th> <th colspan="2">Design Status</th> </tr> <tr> <th>Code</th> <th>Project Title</th> <th></th> <th></th> <th>Start</th> <th>Complete</th> </tr> </thead> <tbody> <tr> <td>113.20</td> <td>AIRCRAFT PARKING APRON</td> <td>0 LS</td> <td>8,450</td> <td>12/00</td> <td>09/02</td> </tr> <tr> <td>141.11</td> <td>AIR PASSENGER TERMINAL (176,528 SF)</td> <td>16,400 m2</td> <td>8,070</td> <td>12/00</td> <td>03/03</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>16,520</td> <td colspan="2"></td> </tr> </tbody> </table>										Category		Scope	Cost (\$000)	Design Status		Code	Project Title			Start	Complete	113.20	AIRCRAFT PARKING APRON	0 LS	8,450	12/00	09/02	141.11	AIR PASSENGER TERMINAL (176,528 SF)	16,400 m2	8,070	12/00	03/03	TOTAL			16,520														
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9. Future Projects:																																																			
a. Included In The Following Program (FY 2004):																																																			
<table border="0"> <tbody> <tr> <td>211.04</td> <td>AIRCRAFT MAINT HANGAR (88,974 SF)</td> <td>8,266 m2</td> <td>20,200</td> <td colspan="2"></td> </tr> <tr> <td>171.20</td> <td>AIR COMBAT TRNG FACILITY</td> <td>0 LS</td> <td>7,395</td> <td colspan="2"></td> </tr> <tr> <td colspan="3">TOTAL</td> <td>27,595</td> <td colspan="2"></td> </tr> </tbody> </table>										211.04	AIRCRAFT MAINT HANGAR (88,974 SF)	8,266 m2	20,200			171.20	AIR COMBAT TRNG FACILITY	0 LS	7,395			TOTAL			27,595																										
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b. Major Planned Next Three Years:																																																			
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(Continued On DD 1390C)																																																			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02																
3. Installation and Location/UIC: N63042 NAVAL AIR STATION LEMOORE CALIFORNIA		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 1.25																
(...continued) <table> <tr> <td>722.10</td> <td>GALLEY REPLACEMENT</td> <td>0 LS</td> <td>1,796</td> </tr> <tr> <td>610.10</td> <td>ADMIN STAFF CONSOLIDATION</td> <td>0 LS</td> <td>9,739</td> </tr> <tr> <td colspan="3"></td> <td>-----</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>44,765</td> </tr> </table>				722.10	GALLEY REPLACEMENT	0 LS	1,796	610.10	ADMIN STAFF CONSOLIDATION	0 LS	9,739				-----	TOTAL			44,765
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TOTAL			44,765																
c. Real Property Maintenance Backlog (\$000): \$ 87,881																			
10. Mission Or Major Functions: Maintain and operate facilities and provide services and materials to support the aviation assets and operations of the Pacific Fleet. This base is the homeport for all Pacific Fleet Light Attack (F/A-18) Squadrons and Replacement Training Squadrons.																			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0																			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N63042 NAVAL AIR STATION LEMOORE, CALIFORNIA			4. Project Title AIRCRAFT PARKING APRON	
5. Program Element 0204696N	6. Category Code 113.20	7. Project Number 210	8. Project Cost 8,450	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
AIRCRAFT PARKING APRON	LS	-	-	6,530
AIRCRAFT PARKING APRON (412,452 SF)	m2	38,318	143	(5,480)
APRON MARKING LIGHTS (4,026 SF)	m2	374	722	(270)
DOWEL TO EXISTING APRON	EA	889	95	(80)
AIRCRAFT TIE-DOWNS	EA	2,192	318	(700)
SUPPORTING FACILITIES	LS	-	-	1,060
MECHANICAL UTILITIES	LS	-	-	(150)
SITE PREPARATION, ROADS AND SITE IMPROVEMENT	LS	-	-	(860)
DEMOLITION	LS	-	-	(50)
SUBTOTAL	-	-	-	7,590
Contingency (5.0%)	-	-	-	380
TOTAL CONTRACT COST	-	-	-	7,970
Supervision Inspection & Overhead (6.0%)	-	-	-	480
TOTAL REQUEST	-	-	-	8,450
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Unreinforced Portland concrete apron over asphalt treated aggregate on top of controlled fill to achieve a finished surface even with adjacent parking apron and hangar floor. Provide all necessary ancillary systems including but not limited to grounding connections, taxiway lighting, tiedown points, and site improvements to make the facility complete and useable. Supporting facilities include clearing and excavation, drainage, airfield markings, and demolition of existing paving and slabs.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
PROJECT:				
Constructs aircraft parking pavement and supporting facilities in support of the additional F/A-18E/F aircraft loading assigned to NAS Lemoore. (Current mission)				
REQUIREMENT:				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63042 NAVAL AIR STATION LEMOORE, CALIFORNIA		
4. Project Title AIRCRAFT PARKING APRON		7. Project Number 210
<p>(...continued)</p> <p>VFA 122 is the West Coast training squadron for the F/A-18E/F Super Hornet. This project expands the existing apron at Hangar 5 to accommodate 48 aircraft at the recommended 45 degree parking angle to meet the planned end state for F/A-18E/F aircraft at Lemoore.</p> <p>CURRENT SITUATION:</p> <p>NAS Lemoore currently has sufficient parking apron to support the current complement of 36 F/A-18 aircraft. The current parking apron at Hangar 5 is inadequate to support the assignment of the additional and larger aircraft, the F/A-18E/F assigned to the Strike Fighter Center of Excellence.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, NAS Lemoore will not be able to properly support the additional F/A-18 E/F aircraft loading. The Center will not be able to perform its mission of training aircrews in the new F/A-18E/F aircraft.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 480</p> <p>(B) All Other Design Costs..... 160</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63042 NAVAL AIR STATION LEMOORE, CALIFORNIA		
4. Project Title AIRCRAFT PARKING APRON		7. Project Number 210
<p>(...continued)</p> <p>(C) Total..... 640</p> <p>(D) Contract..... 400</p> <p>(E) In-House..... 240</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR KIRK WILSON Phone No: (559) 998-4091</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N63042 NAVAL AIR STATION LEMOORE, CALIFORNIA			4. Project Title AIR PASSENGER TERMINAL	
5. Program Element 0204696N	6. Category Code 141.11	7. Project Number 259	8. Project Cost 8,070	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
AIR PASSENGER TERMINAL (176,528 SF)	m2	16,400	-	5,410
AIR PASSENGER TERMINAL (10,549 SF)	m2	980	2,482	(2,430)
AIRCRAFT PARKING APRON (165,979 SF)	m2	15,420	143	(2,210)
APRON MARKING LIGHTS	LS	-	-	(170)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(290)
TELECOMMUNICATIONS	LS	-	-	(80)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
DOWEL TO EXISTING APRON	LS	-	-	(40)
AIRCRAFT TIE-DOWNS	LS	-	-	(120)
SUPPORTING FACILITIES	LS	-	-	1,590
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(60)
OUTSIDE COMMUNICATION LINES	LS	-	-	(80)
ELECTRICAL UTILITIES	LS	-	-	(120)
MECHANICAL UTILITIES	LS	-	-	(170)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(810)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(40)
DEMOLITION	LS	-	-	(310)

SUBTOTAL	-	-	-	7,000
Contingency (5.0%)	-	-	-	350

TOTAL CONTRACT COST	-	-	-	7,350
Supervision Inspection & Overhead (6.0%)	-	-	-	440

SUBTOTAL	-	-	-	7,790
DESIGN/BUILD - DESIGN COST	LS	-	-	280

TOTAL REQUEST	-	-	-	8,070
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Constructs a new Air Passenger Terminal. Project also includes construction of a transient aircraft parking apron in front of the air passenger terminal. Work will also include the demolition of the existing 400 square meter (4,300 square feet) air terminal located in valuable hanger space within Maintenance Hangar, Building 180. Construction will include air conditioning, fire protection systems, utilities, paving,</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: N63042 NAVAL AIR STATION LEMOORE, CALIFORNIA		
4. Project Title AIR PASSENGER TERMINAL		7. Project Number 259
<p>(...continued)</p> <p>security systems, fencing, area lighting, landscaping, parking, and site improvements. Additional functional features include telephone system, cable TV, local area network, fire protection/alarm, and heating, ventilation, air conditioning within the new building. Special construction features include structural overexcavation and fill. Anti-terrorism/force protection features will be included.</p>		
<p>11. Requirement: <u>16,400 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Relocates Lemoore's Air Passenger Terminal from Maintenance Hangar, Building 180, to its proper location, freeing hanger space for intended use as an Integrated Maintenance Hangar. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities are required to support air passenger terminal and transient aircraft parking requirements. This project relocates the Air Passenger Terminal from the maintenance side of the airfield, adds additional transient parking apron, and enables a follow on project to modify and add on to Maintenance Hangar, Building 180 for use as an Integrated Maintenance Hangar.</p> <p>The apron size for the terminal is based on accommodating two Boeing 737 (or C-9) passenger/transport aircraft and one fighter F18-E/F aircraft. We will utilize the current transient apron, beside hangar 180, for the rest of the support aircraft and only allow apron space at the air terminal for the two C-9 aircraft that would be loading passengers and one transient fighter aircraft. The additional transient apron is based on requirements for peripheral taxiways and setbacks plus space for two C-9 and one fighter aircraft. The single smaller aircraft shown on the certified site plan can be accommodated without increasing the amount of apron constructed beyond that required for the larger aircraft.</p> <p>CURRENT SITUATION:</p> <p>Current Air Terminal was relocated from its original location by the tower into a building set up within Maintenance Hangar, Building 180, in order to make room for Commander Strike Fighter Wing Pacific administration spaces. Maintenance Hangar Building 180 is now needed for Naval Air System Command's (NAVAIR) Integrated Maintenance concept. The approved Integrated Maintenance Concept (IMC) for the F/A-18 schedules depot</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63042 NAVAL AIR STATION LEMOORE, CALIFORNIA		
4. Project Title AIR PASSENGER TERMINAL		7. Project Number 259
<p>(...continued)</p> <p>maintenance to be conducted at specific field sites by a ''Depot Team.'' NAS Lemoore has been selected as one of the sites. The project returns the Air Passenger Terminal to its original location near the tower and provides transient aircraft parking. This allows the east side of the operations area to be utilized for aircraft maintenance functions as originally designed.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Air Passenger Terminal would not be able to relocate as required for follow on work to the hangar. No aircraft parking space to support the air passenger terminal would be available. Integrated Maintenance Concept and modification teams will be required to work in hangars as and if they become available. Hangar space will become even less available as the F/A-18E/F is deployed to NAS Lemoore. Lack of maintenance space will adversely affect aircraft readiness at Lemoore.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 208</p> <p>(B) All Other Design Costs..... 69</p> <p>(C) Total..... 277</p> <p>(D) Contract..... 69</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63042 NAVAL AIR STATION LEMOORE, CALIFORNIA		
4. Project Title AIR PASSENGER TERMINAL		7. Project Number 259
<p>(...continued)</p> <p>(E) In-House..... 208</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR KIRK WILSON Phone No: (559) 998-4091</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02				
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR CALIFORNIA				4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 1.2				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	98	835	251	49	56	0	865	6,666	529	9,349
	84	645	584	58	77	0	1,011	7,344	897	10,700
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (22,941.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 441,697.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 36,920.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 8,700.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 18,414.00										
g. REMAINING DEFICIENCY..... 390,615.00										
h. GRAND TOTAL..... 896,346.00										
8. Projects Requested In This Program:										
Category						Cost	Design Status			
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>					
421.22	HIGH EXPLOSIVE MAGAZINE (5,511 SF)	512 m2	3,160	12/00	03/03					
218.20	CONSTRUCT EQUIPMENT SHOP (22,809 SF)	2,119 m2	5,540	12/00	03/03					
TOTAL			8,700							
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
421.72	MISSILE MAGAZINES	0 LS	3,671							
214.30	REFUELING VEHICLE SHOP	0 LS	1,486							
730.10	FIRE STATION SATELLITE	0 LS	3,108							
851.10	MAGAZINE ROAD IMPVS	0 LS	2,763							
610.10	GRAND COMBAT TRAINING	0 LS	3,495							
730.20	POLICE STATION	0 LS	3,891							
TOTAL			18,414							
c. Real Property Maintenance Backlog (\$000): \$ 61,100										
10. Mission Or Major Functions:										
To maintain and operate facilities and provide services and material to support operation of a Marine Aircraft Wing, or units thereof, and other										
(Continued On DD 1390C)										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR CALIFORNIA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.2
<p>(...continued)</p> <p>activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA			4. Project Title HIGH EXPLOSIVE MAGAZINE	
5. Program Element 0206496M	6. Category Code 421.22	7. Project Number 023	8. Project Cost 3,160	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
HIGH EXPLOSIVE MAGAZINE (5,511 SF)	m2	512	-	1,290
HIGH EXPLOSIVE MAGAZINE (5,511 SF)	m2	512	2,435	(1,250)
BUILT-IN EQUIPMENT	LS	-	-	(10)
INFORMATION SYSTEMS	LS	-	-	(10)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	1,450
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(110)
ELECTRICAL UTILITIES	LS	-	-	(50)
MECHANICAL UTILITIES	LS	-	-	(50)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(570)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(40)
ENVIRONMENTAL MITIGATION	LS	-	-	(340)
DEMOLITION	LS	-	-	(290)

SUBTOTAL	-	-	-	2,740
Contingency (5.0%)	-	-	-	140

TOTAL CONTRACT COST	-	-	-	2,880
Supervision Inspection & Overhead (6.0%)	-	-	-	170

SUBTOTAL	-	-	-	3,050
DESIGN/BUILD - DESIGN COST	LS	-	-	110

TOTAL REQUEST	-	-	-	3,160
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a reinforced concrete high explosive (HE) box-type, earth covered and barricaded magazine with seismic upgrades, loading dock, and load levelers. Electrical systems include: fire alarms; lightning protection; connection to the Station Intrusion Detection System (IDS) and information systems. Mechanical systems include: fire protection systems; heating and ventilation. Supporting facilities include site and building utility connections (water, sanitary and storm sewers, electrical, telephone, and Local Area Network (LAN)). Special Construction Features includes upgraded seismic resistance because of earthquake fault proximity and sustainable design recyclable materials. Paving and site improvements</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M67865 MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA		
4. Project Title HIGH EXPLOSIVE MAGAZINE		7. Project Number 023
<p>(...continued)</p> <p>include: lighted and paved parking; roadways access; security fencing; security lighting; earthwork; storm drainage; grading and landscaping. Also includes technical operating manuals; Anti-Terrorism/Force Protection features; site demolition of three inadequate existing facilities including disposal; and environmental mitigation including monitoring, restoration and maintenance of Coastal Sage Brush and clearance of Unexploded Ordnance (UXO) areas.</p>		
<p>11. Requirement: <u>512 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Provides one box-type 'C', earth covered and barricaded high explosive (HE) magazine at the East Miramar ammunition area. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is required to meet NAVSEACENPAC requirements for two type 'F' Box Magazines and two type 'C' Box Magazines in order to provide safe and secure storage of all high explosives at MCAS Miramar.</p> <p>CURRENT SITUATION:</p> <p>With the transition of NAS Miramar to MCAS Miramar, a deficiency in the required amount of high explosive magazine space was identified. A drastic difference between the Navy and Marine Corps mission tasking and requirements resulted in an increased operational tempo at the Air Station with regards to the various types, quantities, and storage requirements of explosives aboard the Air Station. With current Marine Corps training and operational exercises, MCAS Miramar will experience a hundredfold increase at all levels of weapons assembly, control, delivery, storage and transportation. The current types and quantities of existing ammunition magazines do not provide an adequate environment for the safe, efficient handling and storage of ammunition and high explosives.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>MCAS Miramar will continue to have a high explosive (HE) magazine space deficiency and an inadequate environment for safe, efficient handling and storage of ammunition and high explosives. Operationas will be limited by the lack of appropriate ammunition storage facilities, and combat readiness for Class V ammunition will not be met.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M67865 MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA		
4. Project Title HIGH EXPLOSIVE MAGAZINE		7. Project Number 023
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 81</p> <p>(B) All Other Design Costs..... 27</p> <p>(C) Total..... 108</p> <p>(D) Contract..... 27</p> <p>(E) In-House..... 81</p> <p>(4) Contract Award..... 12/02</p> <p>(5) Construction Start..... 03/03</p> <p>(6) Construction Completion..... 03/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR KAREN NATSUHARA Phone No: DSN 267-1085</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA		
4. Project Title HIGH EXPLOSIVE MAGAZINE		7. Project Number 023
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA			4. Project Title CONSTRUCTION EQUIPMENT SHOP	
5. Program Element 0206496M	6. Category Code 218.20	7. Project Number 028	8. Project Cost 5,540	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
CONSTRUCTION EQUIPMENT SHOP (22,809 SF)	m2	2,119	-	3,660
CONSTRUCTION EQUIPMENT SHOP (11,474 SF)	m2	1,066	1,884	(2,010)
VEHICLE STORAGE SHED (11,334 SF)	m2	1,053	958	(1,010)
EQUIPMENT STORAGE YARD	LS	-	-	(430)
BUILT IN EQUIPMENT	LS	-	-	(140)
INFORMATION SYSTEMS	LS	-	-	(30)
TECHNICAL OPERATING MANUALS	LS	-	-	(40)
SUPPORTING FACILITIES	LS	-	-	1,150
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(390)
ELECTRICAL UTILITIES	LS	-	-	(40)
MECHANICAL UTILITIES	LS	-	-	(30)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(220)
ENVIRONMENTAL MITIGATION	LS	-	-	(50)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(170)
HAZARDOUS MATERIAL STORAGE	LS	-	-	(120)
DEMOLITION	LS	-	-	(130)

SUBTOTAL	-	-	-	4,810
Contingency (5.0%)	-	-	-	240

TOTAL CONTRACT COST	-	-	-	5,050
Supervision Inspection & Overhead (6.0%)	-	-	-	300

SUBTOTAL	-	-	-	5,350
DESIGN/BUILD - DESIGN COST	LS	-	-	190

TOTAL REQUEST	-	-	-	5,540
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a multi-story reinforced concrete masonry block building; concrete foundation and floor; standing seam metal roof over steel trusses for a construction and weight handling equipment maintenance shop; heating, ventilation and air conditioning; compressed air and telephone systems; sound attenuation; drive through maintenance bays with roll up doors; hydraulic lifts; one 10,000 pound bridge crane and three 4,000 pound bridge cranes; machine shop; battery shop; communications shop; tool</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA		
4. Project Title CONSTRUCTION EQUIPMENT SHOP		7. Project Number 028
<p>(...continued)</p> <p>room; layette room. Construct a new reinforced concrete masonry block building; concrete foundation and floor; standing seam metal roof over steel trusses for equipment holding shed and a Hazardous Material/Flammable Storage Area. Construct a new reinforced concrete paved organizational equipment storage yard. Built-in equipment includes a freight elevator and overhead cranes. Supporting facilities include: security and fire protection systems; exterior site and building lighting; mechanical and electrical utility and telephone connections; excavation, trenching and backfilling; paved parking; sidewalks; site drainage and landscaping. Special Construction Features include: upgraded seismic resistance because of earthquake fault proximity and sustainable design (recyclable materials). The facility will be constructed in seismic zone four. Project will include environmental mitigation, and demolition of existing asphalt and concrete slabs, pavement, sidewalk and parking areas to connect to existing utilities lines. Also includes technical operating manuals and Anti-Terrorism/Force Protection features.</p>		
<p>11. Requirement: <u>2,119 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Project will provide a construction and weight handling equipment maintenance facility and an equipment holding shed for maintenance of construction/weight handling equipment for Marine Wing Support Squadron 473. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate equipment storage and maintenance areas for Marine Wing Support Squadron 473. The Construction/Weight Handling Equipment Shops and Equipment Holding Sheds are required for performing required repairs and protection of equipment awaiting repairs.</p> <p>CURRENT SITUATION:</p> <p>Currently, there are insufficient facilities at MCAS Miramar in support of Construction/Weight Handling Equipment Shops. Equipment awaiting repairs is left exposed to the weather.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>MWSS-473 will be unable to perform their maintenance tasks which will directly impact the entire MAG-46 mission. Equipment awaiting repairs</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA		
4. Project Title CONSTRUCTION EQUIPMENT SHOP		7. Project Number 028
<p>(...continued)</p> <p>will continue to deteriorate due to weather exposure for long periods of time, thus directly impacting the combat readiness of the Third Marine Aircraft Wing.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 143</p> <p>(B) All Other Design Costs..... 47</p> <p>(C) Total..... 190</p> <p>(D) Contract..... 47</p> <p>(E) In-House..... 143</p> <p>(4) Contract Award..... 12/02</p> <p>(5) Construction Start..... 03/03</p> <p>(6) Construction Completion..... 06/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR KAREN NATSUHARA Phone No: DSN 267-1085</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA		
4. Project Title CONSTRUCTION EQUIPMENT SHOP		7. Project Number 028
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02																							
3. Installation and Location/UIC: N31466 NAVAL AIR STATION NORTH ISLAND, SAN DIEGO, CA						4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 1.91																					
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	23	268	0	0	0	0	41	61	0	393																				
	17	247	0	0	0	0	41	61	0	366																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (48,786.00)																														
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 784,973.00																														
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00																														
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 6,150.00																														
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																														
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																														
g. REMAINING DEFICIENCY..... 16,250.00																														
h. GRAND TOTAL..... 807,373.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 40%;"></td> <td style="width: 15%;">Scope</td> <td style="width: 15%;">Cost (\$000)</td> <td style="width: 15%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td></td> <td></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>151.50</td> <td>REPLACE PIER (SCI) (12,454 SF)</td> <td>1,157 m2</td> <td>6,150</td> <td>12/00 03/03</td> </tr> <tr> <td colspan="3" style="text-align: center;">TOTAL</td> <td>6,150</td> <td></td> </tr> </table>											Category		Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>			<u>Start</u> <u>Complete</u>	151.50	REPLACE PIER (SCI) (12,454 SF)	1,157 m2	6,150	12/00 03/03	TOTAL			6,150	
Category		Scope	Cost (\$000)	Design Status																										
<u>Code</u>	<u>Project Title</u>			<u>Start</u> <u>Complete</u>																										
151.50	REPLACE PIER (SCI) (12,454 SF)	1,157 m2	6,150	12/00 03/03																										
TOTAL			6,150																											
9. Future Projects:																														
a. Included In The Following Program (FY 2004):																														
None																														
b. Major Planned Next Three Years:																														
None																														
c. Real Property Maintenance Backlog (\$000): \$ 287																														
10. Mission Or Major Functions:																														
<p>Naval auxiliary landing field that supports the Pacific Fleet with operational and training facilities. These include ground and aircraft carrier controlled approach training; helicopter support; refueling; field carrier landing practice; and emergency divert capacity for aircraft, ship and submarines operating on the ranges surrounding San Clemente Island.</p> <p>NOTE: Block 7a and 7b are numbers for the Host Activity Naval Base, North Island, Coronado, CA.</p>																														
11. Outstanding Pollution And Safety Deficiencies (\$000):																														
a. Pollution Abatement (*): \$ 0																														
b. Occupational Safety And Health (OSH) (#): \$ 0																														

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N31466 NAVAL AIR STATION NORTH ISLAND, SAN DIEGO, CA			4. Project Title REPLACE PIER (SAN CLEMENTE ISLAND)	
5. Program Element 0204696N	6. Category Code 151.50	7. Project Number 137	8. Project Cost 6,150	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
REPLACE PIER (SAN CLEMENTE ISLAND) (12,454 SF)	M2	1,157	-	3,350
PIER (12,454 SF)	M2	1,157	2,801	(3,240)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(50)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
SUPPORTING FACILITIES	LS	-	-	1,980
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(120)
ELECTRICAL UTILITIES	LS	-	-	(350)
MECHANICAL UTILITIES	LS	-	-	(120)
SITE IMPROVEMENTS	LS	-	-	(740)
DEMOLITION	LS	-	-	(650)

SUBTOTAL	-	-	-	5,330
Contingency (5.0%)	-	-	-	270

TOTAL CONTRACT COST	-	-	-	5,600
Supervision Inspection & Overhead (6.0%)	-	-	-	340

SUBTOTAL	-	-	-	5,940
DESIGN/BUILD - DESIGN COST	LS	-	-	210

TOTAL REQUEST	-	-	-	6,150
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a replacement pier approximately 128 meters (420 feet) long, 7.6 meters (25 feet) wide, with 16.8 meters (55 feet) turn around at the head capable of supporting RDT&E vessel mooring with a minimum of 4.3 meters (14 feet of draft), a 5-ton crane, catwalk for handling equipment and diver support; three phase 440 volt - 200 amp service to the end of the pier; along with fresh water piping, deck and walk-way lighting; flood lighting off the end of the pier to support night diving operations; and the capability to berth vessels for up to eight hours. Includes demolition of existing 987 square meter (10623 square feet), inadequate pier and anti-terrorism/force protection measures.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N31466 NAVAL AIR STATION NORTH ISLAND, SAN DIEGO, CA		
4. Project Title REPLACE PIER (SAN CLEMENTE ISLAND)		7. Project Number 137
<p>(...continued)</p> <p>11. Requirement: <u>1,157 M2</u> Adequate: <u>0 M2</u> Substandard: <u>0 M2</u></p> <p>PROJECT:</p> <p>Construct a replacement pier capable of supporting boat moorings, and night diving operations.</p> <p>REQUIREMENT:</p> <p>Adequate pier facilities are required to support RDT&E programs. Laboratory Program summaries (RDT&E workload projections) indicate a growth in Submarine Launched Unmanned Underwater Vehicle technology, Chemical Sensing In The Marine Environment technology, Missile Program test and evaluations, Sonobuoy Quality Assurance Program testing, Marine Mammals technology, Underwater Cable Testing, and Special Classified Projects. These program have a long term requirement for pier support to manage the logistics associated with the RDT&E efforts for these programs.</p> <p>CURRENT SITUATION:</p> <p>The existing pier is a steel frame structure on the northeast side of San Clemente Island. The pier is approximately 125.9 meters (407 feet) long, including 6.1 meters (20 foot) and 12.2 meter (40 foot) wide sections. The rapid spread of corrosion is evident and progressing - no protective coatings seem to work in the harsh marine environment of North Island. If corrosion is allowed to proceed, the load limit will have to be reduced. Pier failure becomes more likely as time goes on and deterioration continues.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Long-term in-situ testing and monitoring of undersea equipment under various programs would be jeopardized by possible pier failure. On-going long-term test data may be invalidated as a result of pier failure causing major damage to the research projects and loss of use of the pier for an extended period of time, thereby curtailing continuation of the on-going research programs.</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N31466 NAVAL AIR STATION NORTH ISLAND, SAN DIEGO, CA		
4. Project Title REPLACE PIER (SAN CLEMENTE ISLAND)		7. Project Number 137
<p>(...continued)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 159</p> <p>(B) All Other Design Costs..... 53</p> <p>(C) Total..... 212</p> <p>(D) Contract..... 53</p> <p>(E) In-House..... 159</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 12/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CAPT JOHN SURASH Phone No: (619)-556-2199</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N63126 NAVAL AIR WARFARE CENTER, NAS POINT MUGU, CALIFORNIA						4. Command Naval Air Systems Command			5. Area Constr Cost Index 1.12	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	267	1,770	1,870	0	0	0	134	89	0	4,130
	287	1,714	2,980	0	0	0	134	89	0	5,204
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (6,400.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 536,197.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 1,400.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 6,760.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 11,806.00										
g. REMAINING DEFICIENCY..... 22,468.00										
h. GRAND TOTAL..... 578,631.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost</u> <u>(\$000)</u>	<u>Design Status</u> <u>Start Complete</u>		
113.20	EXTEND A/C PARKING APRON					0 LS	6,760	12/00	03/03	

TOTAL							6,760			
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
141.42	TACTICAL SUPPORT CENTER (22,604				2,100 m2	7,980				
SF)										
421.72	READY MISSILE MAGAZINE				0 LS	3,826				

TOTAL							11,806			
c. Real Property Maintenance Backlog (\$000): \$ 7,177										
10. Mission Or Major Functions:										
Note: Block 6a and 6b - These numbers reflect the Personnel Strength of the Host Activity, NAWS Point Mugu, UIC N49146.										
Block 7a and 7B - Acreage and Inventory Total reflected numbers are for the Host Activity N69232 SUBBASE, Ventura County, Point Mugu, CA.										

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N63126 NAVAL AIR WARFARE CENTER, NAS POINT MUGU, CALIFORNIA		4. Command Naval Air Systems Command	5. Area Constr Cost Index 1.12
<p>(...continued)</p> <p>Point Mugu is part of the Naval Air Warfare Center Weapons Division (NAWSWPNS) the Navy's full spectrum research, development, test evaluation and in-service engineering center for weapons systems associated with air warfare (except for anti-submarine warfare systems), missiles and missile subsystems, aircraft weapons integration and assigned airborne electronic warfare systems. The Weapons Division includes the Naval Air Weapons Station (NAWS), Point Mugu, California, the Naval Air Weapons Station (NAWS), China Lake, California, and the Ordnance Missile Test Station (NOMTS), White Sands, New Mexico. Additionally, NAWCWPNS organizations contribute to naval surface missile systems and tactical, as well as strategic deterrent weapons, and support various Department of Defense and other government agencies for special projects.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N63126 NAVAL AIR WARFARE CENTER POINT MUGU, CALIFORNIA			4. Project Title EXTEND AIRCRAFT PARKING APRON	
5. Program Element 0605896N	6. Category Code 113.20	7. Project Number 267	8. Project Cost 6,760	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
EXTEND AIRCRAFT PARKING APRON	LS	-	-	4,630
AIRCRAFT PARKING APRON (186,808 SF)	M2	17,355	169	(2,930)
FIXED POINTS STARTING SYSTEM	EA	3	560,000	(1,680)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	1,240
ELECTRICAL UTILITIES	LS	-	-	(120)
MECHANICAL UTILITIES	LS	-	-	(160)
ENVIRONMENTAL MITIGATION	LS	-	-	(240)
PAVING, DRAINAGE SYSTEM & SITE IMPROVEMENT	LS	-	-	(420)
DEMOLITION	LS	-	-	(300)

SUBTOTAL	-	-	-	5,870
Contingency (5.0%)	-	-	-	290

TOTAL CONTRACT COST	-	-	-	6,160
Supervision Inspection & Overhead (6.0%)	-	-	-	370

SUBTOTAL	-	-	-	6,530
DESIGN/BUILD - DESIGN COST	LS	-	-	230

TOTAL REQUEST	-	-	-	6,760
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct an addition to an existing aircraft parking apron with a 12 inch (29 cm) thick Portland cement concrete parking apron pavement over 12 inches of cement treated base and 36 inches (91 cm) of compacted fill material. Demolition of existing concrete building slab, fences, asphalt shoulder pavement and a small concrete block building is included in this project. Taxiway to apron lighting will be relocated. An open storm drain will be replaced with a culvert, and catch basins will be installed to control storm runoff.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
PROJECT:				
<p>This project will extend the existing concrete aircraft parking apron by 17,355 square meters to meet the requirement for operation of the E-2</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63126 NAVAL AIR WARFARE CENTER POINT MUGU, CALIFORNIA		
4. Project Title EXTEND AIRCRAFT PARKING APRON		7. Project Number 267
<p>(...continued) aircraft. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is necessary to provide an adequate aircraft parking apron to support four Airborne Early Warning Wing Pacific squadrons operating from Maintenance Hangar 553. The completion of this project will comply with current requirements for aircraft spacing and peripheral taxiways.</p> <p>Sufficient space is crucial for conducting: safe operations and maintenance of the Fleet aircraft, training of maintenance personnel attached to squadrons and Naval Aviation Maintenance Training Group Detachment (NAMTRAGRUDET), and to allow ready access to the aircraft by squadron security personnel and aircrew. The extended apron will provide parking for five aircraft. Seven aircraft will be parked on the existing apron, and five aircraft will be parked in the hangar including one maintenance training aircraft.</p> <p>CURRENT SITUATION:</p> <p>Adequate space to park 17 E-2 aircraft (including maintenance trainer) in and adjacent to hangar does not exist. The current configuration of the apron and Hangar 553 does not provide adequate space for parking 17 E-2 aircraft (16 aircraft and one maintenance trainer aircraft) in compliance with current criteria. The depth of the apron is only 270 feet which will not provide the minimum 150 foot peripheral taxiway in front and to the rear of the parked aircraft for the parking configuration dictated by the parking ramp dimensions. Four E-2C squadrons recently moved into Hangar 553. Because four aircraft cannot be parked at Hangar 553, these aircraft are parked up to one mile away.</p> <p>Aircraft parking at Naval Air Station (NAS) Point Mugu is very limited. Hangar 553 is the largest hangar on the station and is the only hangar with adequate space to support 17 E-2C aircraft. There are no other spaces available at NAS Point Mugu which meet the requirements for adequate hangar space, aircraft weight bearing capacity of the ramp, tie down points, static discharge points and suitable apron surface to refuel and service aircraft.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this project is not provided, four E-2C aircraft cannot be parked near the squadron's assigned hangar. Squadron personnel will be forced to</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63126 NAVAL AIR WARFARE CENTER POINT MUGU, CALIFORNIA		
4. Project Title EXTEND AIRCRAFT PARKING APRON		7. Project Number 267
<p>(...continued)</p> <p>maintain, operate and train on aircraft from locations up to a mile away from their hangar. In addition, two airfield waivers would be required because of the elimination of a peripheral and rear taxiway. The squadrons will be unable to operate and maintain their aircraft in an effective manner. Parking aircraft distant to maintenance hangars is also a quality of life issue as it adversely impacts the work environment.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 174</p> <p>(B) All Other Design Costs..... 58</p> <p>(C) Total..... 232</p> <p>(D) Contract..... 58</p> <p>(E) In-House..... 174</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63126 NAVAL AIR WARFARE CENTER POINT MUGU, CALIFORNIA		
4. Project Title EXTEND AIRCRAFT PARKING APRON		7. Project Number 267
(...continued) Activity POC: ENS DUONG TAM ANH Phone No: (805)-989-2383		
JOINT USE CERTIFICATION: The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is: This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02				
3. Installation and Location/UIC: N00245 NAVAL STATION SAN DIEGO SAN DIEGO CALIFORNIA					4. Command Commander in Chief Pacific Fleet					5. Area Constr Cost Index 1.2
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	1,885	20,041	5,866	0	240	0	142	1,164	0	29,338
	1,841	20,825	6,404	0	240	0	248	2,887	0	32,445
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (1,497.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 325,139.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 37,170.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 3,530.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 243,220.00										
g. REMAINING DEFICIENCY..... 1,081,576.00										
h. GRAND TOTAL..... 1,690,635.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u> <u>Start</u> <u>Complete</u>		
151.50	PIER 2 ELECTRICAL UPGRADE					0 LS	3,530	12/00 03/03		

TOTAL							3,530			
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
151.20	PIER UPGRADE					40,050 SF	22,443			
151.20	PIER UPGRADE					0 LS	27,529			
151.50	REPLACE BERTHING PIER (174,957 SF)					16,254 m2	73,543			
721.11	BEQ SHIPBD SAILORS ASHORE (163,073 SF)					15,150 m2	40,595			
721.11	BEQ SHIPBD SAILORS ASHORE (163,073 SF)					15,150 m2	38,515			
721.11	BACHELOR ENLISTED QUARTERS (188,368 SF)					17,500 m2	40,595			

TOTAL							243,220			
c. Real Property Maintenance Backlog (\$000): \$ 147,886										
10. Mission Or Major Functions:										
Provide homeport facilities for approximately 54 warships, amphibious ships,										
(Continued On DD 1390C)										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N00245 NAVAL STATION SAN DIEGO SAN DIEGO CALIFORNIA		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 1.2
<p>(...continued)</p> <p>and auxiliaries of the Pacific Fleet. Provide harbor and waterfront facilities, exchange, personnel support, athletic, recreational, berthing, messing, morale, and other logistics facilities.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00245 NAVAL STATION SAN DIEGO, CALIFORNIA			4. Project Title PIER 2 ELECTRICAL UPGRADE	
5. Program Element 0204796N	6. Category Code 151.50	7. Project Number 373	8. Project Cost 3,530	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PIER 2 ELECTRICAL UPGRADE	LS	-	-	3,070
SUBSTATIONS	LS	-	-	(730)
ELECTRICAL DISTRIBUTION	LS	-	-	(2,190)
COMMUNICATIONS AND ALARM SYSTEMS	LS	-	-	(20)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(30)
TELECOMMUNICATIONS	LS	-	-	(40)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	3,070
Contingency (5.0%)	-	-	-	150

TOTAL CONTRACT COST	-	-	-	3,220
Supervision Inspection & Overhead (6.0%)	-	-	-	190

SUBTOTAL	-	-	-	3,410
DESIGN/BUILD - DESIGN COST	LS	-	-	120

TOTAL REQUEST	-	-	-	3,530
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Replace two of the three existing 3750 KVA transformers which provide electric power for ships berthing on the south side of Pier 2 with two new 5000 KVA (8,000 amp) transformers. Project includes duct bank, conduit, cable, control wire, fiber optic cable, programmable logic controller, concrete slabs and unit substations. Anti-terrorism/force protection features will be included.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
PROJECT:				
<p>This project provides additional electric power required to double berth CG (Cruiser) and DDG (Destroyer) class ships at Pier 2. (Current mission)</p>				
REQUIREMENT:				
<p>Electrical power upgrades are required to meet the electric power</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00245 NAVAL STATION SAN DIEGO, CALIFORNIA		
4. Project Title PIER 2 ELECTRICAL UPGRADE		7. Project Number 373
<p>(...continued)</p> <p>requirements of the class of ships scheduled for double berthing at the south side of Pier 2. Upgrades include installation of one 5000/6667 KVA unit substation capable of producing 8000 Amp at each of the two berths on the south side of Pier 2 to support double berthing. In addition, the existing 16 outlets per mound will be changed to 20 outlets per mound to accommodate the full power requirement of the new class of ships.</p> <p>CURRENT SITUATION:</p> <p>The existing 3,750 KVA transformers are not capable of supplying adequate electric power for double berthing of CG and DDG class of ships.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Ships will not be able to utilize shore power to fulfill their power requirements when double berthed.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 91</p> <p>(B) All Other Design Costs..... 30</p> <p>(C) Total..... 121</p> <p>(D) Contract..... 30</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00245 NAVAL STATION SAN DIEGO, CALIFORNIA		
4. Project Title PIER 2 ELECTRICAL UPGRADE		7. Project Number 373
<p>(...continued)</p> <p>(E) In-House..... 91</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LTJG MELISSA PLEAN Phone No: (619) 556-2199</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM									2. Date 2/12/02																																										
3. Installation and Location/UIC: M67399 MARINE AIR-GROUND TASK FORCE TNG COMMAND TWENTYNINE PALMS, CALIFORNIA						4. Command Commandant of the Marine Corps			5. Area Constr Cost Index 1.35																																											
6. Personnel Strength																																																				
<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Permanent</th> <th colspan="3">Students</th> <th colspan="3">Supported</th> <th rowspan="2">Total</th> </tr> <tr> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> </tr> </thead> <tbody> <tr> <td>a. As Of 9/30/01</td> <td>102</td> <td>683</td> <td>706</td> <td>55</td> <td>2,093</td> <td>0</td> <td>527</td> <td>6,842</td> <td>689</td> <td>11,697</td> </tr> <tr> <td>b. End FY 2008</td> <td>111</td> <td>678</td> <td>613</td> <td>22</td> <td>2,256</td> <td>1</td> <td>683</td> <td>7,545</td> <td>1,141</td> <td>13,050</td> </tr> </tbody> </table>												Permanent			Students			Supported			Total	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	a. As Of 9/30/01	102	683	706	55	2,093	0	527	6,842	689	11,697	b. End FY 2008	111	678	613	22	2,256	1	683	7,545	1,141	13,050
	Permanent			Students			Supported			Total																																										
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																																											
a. As Of 9/30/01	102	683	706	55	2,093	0	527	6,842	689	11,697																																										
b. End FY 2008	111	678	613	22	2,256	1	683	7,545	1,141	13,050																																										
7. INVENTORY DATA (\$000)																																																				
a. TOTAL ACREAGE (605,616.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 503,876.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 40,610.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 25,770.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 39,719.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 111,996.00 g. REMAINING DEFICIENCY..... 771,117.00 h. GRAND TOTAL..... 1,493,088.00																																																				
8. Projects Requested In This Program:																																																				
<table border="0"> <thead> <tr> <th colspan="2">Category</th> <th>Scope</th> <th>Cost (\$000)</th> <th colspan="2">Design Status</th> </tr> <tr> <th>Code</th> <th>Project Title</th> <th></th> <th></th> <th>Start</th> <th>Complete</th> </tr> </thead> <tbody> <tr> <td>721.11</td> <td>BACHELOR ENLSITED QUARTERS (87,834 SF)</td> <td>8,160 m2</td> <td>25,770</td> <td>12/00</td> <td>02/03</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>25,770</td> <td colspan="2"></td> </tr> </tbody> </table>											Category		Scope	Cost (\$000)	Design Status		Code	Project Title			Start	Complete	721.11	BACHELOR ENLSITED QUARTERS (87,834 SF)	8,160 m2	25,770	12/00	02/03	TOTAL			25,770																				
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(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: M67399 MARINE AIR-GROUND TASK FORCE TNG COMMAND TWENTYNINE PALMS, CALIFORNIA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.35
(...continued) c. Real Property Maintenance Backlog (\$000): \$ 43,400			
10. Mission Or Major Functions: Provide housing, training facilities, logistical, and administrative support for Fleet Marine Force units and other units assigned. Operate the Communication-Electronics School, and administer and conduct the air-ground training program for combined training of Fleet Marine Force units, both active and reserve.			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: M67399 MARINE AIR-GROUND TASK FORCE TNG COMMAND TWENTY NINE PALMS, CALIFORNIA			4. Project Title BACHELOR ENLISTED QUARTERS	
5. Program Element 0206496M	6. Category Code 721.11	7. Project Number 623	8. Project Cost 25,770	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS (87,834 SF)	m2	8,160	-	17,470
BUILDING (BEQ) (87,834 SF)	m2	8,160	2,105	(17,180)
BUILT-IN EQUIPMENT	LS	-	-	(90)
TECHNICAL OPERATING MANUALS	LS	-	-	(130)
INFORMATION SYSTEM	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	4,880
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(790)
ELECTRICAL UTILITIES	LS	-	-	(520)
MECHANICAL UTILITIES	LS	-	-	(910)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,560)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(640)
DEMOLITION	LS	-	-	(460)

SUBTOTAL	-	-	-	22,350
Contingency (5.0%)	-	-	-	1,120

TOTAL CONTRACT COST	-	-	-	23,470
Supervision Inspection & Overhead (6.0%)	-	-	-	1,410

SUBTOTAL	-	-	-	24,880
DESIGN/BUILD - DESIGN COST	LS	-	-	890

TOTAL REQUEST	-	-	-	25,770
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a multi-story, reinforced concrete and masonry Bachelor Enlisted Quarters (BEQ) building with seismic upgrades, reinforced concrete foundation and floors, and standing seam metal roofing, providing 192 rooms with semi-private bathrooms in the standard 2X0 room configuration. Community and service core areas include: laundry facilities; lounges; administrative offices; multi-purpose rooms; housekeeping areas; public restrooms. Electrical systems include: fire alarms; energy saving electronic monitoring and control system (EMCS); information systems. Mechanical systems include: plumbing; fire protection systems; heating, ventilation and air conditioning. Built-in Equipment includes an elevator. Supporting facilities work includes: site and building utility</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M67399 MARINE AIR-GROUND TASK FORCE TNG COMMAND TWENTY NINE PALMS, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 623
<p>(...continued)</p> <p>connections (water, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN); Cable Television (CATV)). Special Construction Features include: upgraded seismic resistance because of earthquake fault proximity; sound attenuation; sustainable design (recyclable materials). Paving and site improvements include: parking; sidewalks; outdoor recreation facilities/courts; access roadways; earthwork; grading; landscaping. Also includes: technical operating manuals; Anti-Terrorism/Force Protection features; demolition of an equivalent amount of inadequate BEQ space including necessary asbestos and lead removal.</p> <p>Maximum utilization: 384 E1-E3. Intended Grade Mix: 384 E1-E3. Total: 384 persons.</p>		
<p>11. Requirement: <u>7.703 PN</u> Adequate: <u>2.832 PN</u> Substandard: <u>2.126 PN</u></p> <p>PROJECT:</p> <p>Provides 384 living spaces for bachelor enlisted personnel using the 2x0 Quality of Life (QOL) standard room design for permanent party enlisted personnel. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is a continuation of the long-term effort to bring all the BEQs at MAGTFTC, 29 Palms up to the current 2x0 standard. Additional personnel have been assigned to MAGTFTC, 29 Palms over the last few years and assignments have exceeded the capacity of the existing enlisted billeting. This project also supports the Commandant of the Marine Corps goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks.</p> <p>CURRENT SITUATION:</p> <p>Currently, three to four enlisted personnel are required to occupy a room with shared heads. Interior reinforced concrete walls prevent re-configuration of the interior spaces to accommodate the 2x0 standard. MAGTFTC, 29 Palms is located in a relatively remote desert area that does not have significant off-base housing opportunities.</p> <p>IMPACT IF NOT PROVIDED:</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M67399 MARINE AIR-GROUND TASK FORCE TNG COMMAND TWENTY NINE PALMS, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 623
<p>(...continued)</p> <p>Junior enlisted personnel will continue to be housed in deteriorated, over-crowded, and inadequate barracks to the detriment of their morale, retention and readiness. Training time will continue to be diverted for large-scale self-help projects to maintain minimum livability standards.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 02/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 665</p> <p>(B) All Other Design Costs..... 222</p> <p>(C) Total..... 887</p> <p>(D) Contract..... 222</p> <p>(E) In-House..... 665</p> <p>(4) Contract Award..... 12/02</p> <p>(5) Construction Start..... 02/03</p> <p>(6) Construction Completion..... 05/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. FY 2001 Unaccompanied Housing Real Property Maintenance Conducted:</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M67399 MARINE AIR-GROUND TASK FORCE TNG COMMAND TWENTY NINE PALMS, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 623
<p>(...continued)</p> <p>\$600,000</p> <p>D. FY 2002 Unaccompanied Housing Real Property Maintenance Conducted: \$6,600,000</p> <p>E. Future Unaccompanied Housing Real Property Maintenance Requirements: \$12,200,000</p> <p>Activity POC: LCDR BENNETT W. EDWARD III Phone No: 760-830-6654</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02				
3. Installation and Location/UIC: M67029 MARINE BARRACKS 8TH & I WASHINGTON, DISTRICT OF COLUMBIA				4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 0.96				
6. Personnel Strength a. As Of 10/18/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	59	913	59	0	0	0	0	197	0	1,228
	56	1,014	59	0	0	0	0	200	0	1,329
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (5.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 9,509.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 21,197.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 3,700.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 1,143.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 4,722.00 g. REMAINING DEFICIENCY..... 0.00 h. GRAND TOTAL..... 40,271.00										
8. Projects Requested In This Program:										
Category						Cost		Design Status		
<u>Code</u>	<u>Project Title</u>				<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>		
932.10	SITE IMPROVEMENTS (44,842 SF)				4,166 m2	3,700	12/00	07/02		
TOTAL						3,700				
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
214.20	MOTOR TRANSPORT FAC ADDN				0 SF	1,143				
TOTAL						1,143				
b. Major Planned Next Three Years:										
610.10	DINING & SUPPORT FACS				0 LS	4,722				
TOTAL						4,722				
c. Real Property Maintenance Backlog (\$000): \$ 200										
10. Mission Or Major Functions:										
<p>To provide troops for ceremonial and special security purposes as directed; to maintain quarters for the Commandant of the Marine Corps and other senior officers; to operate the Marine Corps Institute; to provide administrative and logistical control for the United States Marine Band; to provide Presidential security; and to maintain one trained civil disturbance company for deployment as directed by the Commandant of the Marine Corps.</p>										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC: M67029 MARINE BARRACKS WASHINGTON, D.C.			4. Project Title SITE IMPROVEMENTS		
5. Program Element 0901296M	6. Category Code 932.10	7. Project Number 995	8. Project Cost 3,700		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
SITE IMPROVEMENTS (44,842 SF)	m2	4,166	-	3,260	
EXPANSION/RENOVATION OF DINING FAC (10,602 SF)	m2	985	1,210	(1,190)	
PARKING GARAGE AREA (28,083 SF)	m2	2,609	305	(800)	
BEQ SUPPORT AREA (4,930 SF)	m2	458	1,720	(790)	
ATHLETIC FIELD HOUSE (1,227 SF)	m2	114	2,600	(300)	
BUILT IN EQUIPMENT	LS	-	-	(120)	
INFORMATION SYSTEMS	LS	-	-	(30)	
TECHNICAL OPERATING MANUALS	LS	-	-	(30)	
SUPPORTING FACILITIES	LS	-	-	60	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(60)	

SUBTOTAL	-	-	-	3,320	
Contingency (5.0%)	-	-	-	170	

TOTAL CONTRACT COST	-	-	-	3,490	
Supervision Inspection & Overhead (6.0%)	-	-	-	210	

TOTAL REQUEST	-	-	-	3,700	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct additional parking garage area, complete comprehensive renovation and expansion of existing dining facilities, construct an athletic field house, build out a dedicated physical fitness area and Marine Corps Exchange retail space in support of new Bachelor Enlisted Quarters construction. Exterior architecture to match brick faced, cast stone detailed Georgian styled masonry architecture currently used on the site. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating, ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN), and Cable Television (CATV)). Paving and site improvements include sidewalks, earthwork, grading and landscaping. Includes Technical Operating Manuals.</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M67029 MARINE BARRACKS WASHINGTON, D.C.		
4. Project Title SITE IMPROVEMENTS		7. Project Number 995
<p>(...continued)</p> <p>11. Requirement: <u>4,166 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Constructs parking garage area, provides comprehensive renovation and expansion of existing dining facilities, constructs an athletic field house, completes build out of dedicated physical fitness area and Marine Corps Exchange retail space in support of new Bachelor Enlisted Quarters construction. (Current mission)</p> <p>REQUIREMENT:</p> <p>Project is required to complete intended features of a funded Military Construction project. Features were eliminated from the original project award due to unfavorable contractor bid prices and unforeseen cost increases. Construction meets the minimum requirements to complete the intended scope of the original project and is intended to provide adequate and modern bachelor enlisted quarters with adequate parking, recreational space and facilities to support the enlisted Marines assigned.</p> <p>CURRENT SITUATION:</p> <p>Under a Memorandum of Understanding with the Washington D.C. Housing Authority and the National Park Service, the Marine Corps has acquired 7.5 acres of land two blocks Southwest of the current Marine Barracks. Both sites are part of the urbanized core of Southeast Washington D.C. and are surrounded by a mixture of moderate density residential, light industrial, and retail uses as well as the Washington Navy Yard. As part of the agreement, and in exchange for demolition of condemned apartment buildings on the site, the Marine Corps must construct architecturally enhancing and aesthetic 'role model' facilities for economic revitalization of the urban core and also improve existing recreational areas on the site. The Marine Barracks has a significant deficiency in the amount of bachelor enlisted quarters, providing less than half the number of rooms required to house its junior enlisted Marines. The majority of these Marines are forced to live on the economy and must commute between 20-100 miles round trip daily and struggle to find legal parking when they arrive in the city. Given the Marine Barracks' significant bachelor housing and support facilities deficiencies, the offer was enthusiastically accepted by the Marine Corps.</p> <p>Due to site constraints, the project has been adversely affected by</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M67029 MARINE BARRACKS WASHINGTON, D.C.		
4. Project Title SITE IMPROVEMENTS		7. Project Number 995
<p>(...continued)</p> <p>unforeseen costs for significant changes in site elevation, architectural requirements to adapt the structures to the site, Anti-Terrorism/Force Protection measures to meet required guidelines and unique requirements for expansion and renovation of the existing dining facility within the shell of the building.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Junior enlisted personnel will be housed in barracks with inadequate supporting facilities and insufficient parking to meet minimum standards, which will have a negative impact on overall morale, retention and readiness. The Marine Corps will not be able to fully meet its part of the agreement with the community by falling short on the scope of the original project.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 12/01</p> <p>(C) Date Design Complete..... 07/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 198</p> <p>(B) All Other Design Costs..... 66</p> <p>(C) Total..... 264</p> <p>(D) Contract..... 165</p> <p>(E) In-House..... 99</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M67029 MARINE BARRACKS WASHINGTON, D.C.		
4. Project Title SITE IMPROVEMENTS		7. Project Number 995
<p>(...continued)</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 06/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: MAJ ED MAYES Phone No: 202-433-6269</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02																					
3. Installation and Location/UIC: N46207 NAVAL SCHOOL EXPLOSIVE ORDNANCE DISPOSAL EGLIN AIR FORCE BASE, FLORIDA						4. Command Chief of Naval Education and Training				5. Area Constr Cost Index 0.87																	
6. Personnel Strength a. As Of 1/18/02 b. End FY 2008	Permanent			Students			Supported			Total																	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																		
	16	205	17	0	0	0	35	375	2	650																	
	17	221	20	0	0	0	40	416	4	718																	
7. INVENTORY DATA (\$000)																											
a. TOTAL ACREAGE (0.00)																											
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 0.00																											
c. AUTHORIZATION NOT YET IN INVENTORY..... 9,660.00																											
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 6,350.00																											
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																											
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																											
g. REMAINING DEFICIENCY..... 0.00																											
h. GRAND TOTAL..... 16,010.00																											
8. Projects Requested In This Program:																											
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 40%;"></td> <td style="width: 15%; text-align: right;">Cost</td> <td style="width: 30%; text-align: right;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td style="text-align: right;"><u>Scope</u></td> <td style="text-align: right;"><u>(\$000)</u> <u>Start</u> <u>Complete</u></td> </tr> <tr> <td>171.20</td> <td>ADV EXPL ORD DISP TRNG FAC (18,202 SF)</td> <td style="text-align: right;">1,691 m2</td> <td style="text-align: right;">6,350 10/01 03/03</td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td style="text-align: right;">6,350</td> <td></td> </tr> </table>												Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u> <u>Start</u> <u>Complete</u>	171.20	ADV EXPL ORD DISP TRNG FAC (18,202 SF)	1,691 m2	6,350 10/01 03/03	TOTAL		6,350	
Category		Cost	Design Status																								
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u> <u>Start</u> <u>Complete</u>																								
171.20	ADV EXPL ORD DISP TRNG FAC (18,202 SF)	1,691 m2	6,350 10/01 03/03																								
TOTAL		6,350																									
9. Future Projects:																											
a. Included In The Following Program (FY 2004):																											
None																											
b. Major Planned Next Three Years:																											
None																											
c. Real Property Maintenance Backlog (\$000): \$ 0																											
10. Mission Or Major Functions:																											
<p>Train and evaluate Joint Service Explosive Ordnance Disposal (EOD) Team Leaders, selected international military students, and Federal Agency Personnel civilians in the skills for the location, identification, evaluation, recovery, containment and disposal of ordnance and weapons of mass destruction, and sophisticated Improvised Explosive Devices (IED) in battlefield operations, peacemaking/keeping operations and homeland defense.</p> <p>Note: Block 6a and 6b reflect the Personnel Strenght Numbers of the Host Activity UIC N61331 Panama City, FL</p>																											

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N46207 NAVAL SCHOOL EXPLOSIVE ORDNANCE DISPOSAL EGLIN AIR FORCE BASE, FLORIDA		4. Command Chief of Naval Education and Training	5. Area Constr Cost Index 0.87
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N46207 NAVAL SCHOOL EXPLOSIVE ORDNANCE DISPOSAL EGLIN AIR FORCE BASE, FL			4. Project Title ADVANCED EXPLOSIVE ORDNANCE DISPOSAL TRAINING FACILITY		
5. Program Element 0804731N	6. Category Code 171.20	7. Project Number 903	8. Project Cost 6,350		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
ADVANCED EXPLOSIVE ORDNANCE DISPOSAL TNG FAC (18,202 SF)	m2	1,691	-	2,110	
APPLIED INSTRUCTION BUILDING (18,202 SF)	m2	1,691	1,223	(2,070)	
ANTI-TERRORISM FORCE PROTECTION	LS	-	-	(40)	
SUPPORTING FACILITIES	LS	-	-	3,390	
ELECTRICAL UTILITIES	LS	-	-	(100)	
MECHANICAL UTILITIES	LS	-	-	(150)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,380)	
EXPLOSIVE TRAINING SITE	LS	-	-	(1,760)	

SUBTOTAL	-	-	-	5,500	
Contingency (5.0%)	-	-	-	280	

TOTAL CONTRACT COST	-	-	-	5,780	
Supervision Inspection & Overhead (6.0%)	-	-	-	350	

SUBTOTAL	-	-	-	6,130	
DESIGN/BUILD - DESIGN COST	LS	-	-	220	

TOTAL REQUEST	-	-	-	6,350	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	3,840	
10. Description of Proposed Construction					
<p>Construct new Applied Instruction Facility and develop associated explosive training range. The facility will include electronic classrooms with workbenches, equipment and ordnance storage, equipment maintenance space, offices, and common areas. Building construction to include: reinforced foundation and slab-on-grade, concrete masonry walls, steel frame structure; metal stud partition walls; concrete slab roof system with shingle roof; double glazed, insulated, aluminum framed windows; wall, floor and ceiling finishes; heating, ventilation, and air-conditioning; complete electrical system to include electrical equipment, wiring and lighting; fire protection system; telephone, computer, and television cabling and conduit; intrusion detection system; lightning protection; and supporting facilities of pavements, utilities and other related site work. Additional work includes clearing and grubbing of the training range, construction of facility mock-ups for</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N46207 NAVAL SCHOOL EXPLOSIVE ORDNANCE DISPOSAL EGLIN AIR FORCE BASE, FL		
4. Project Title ADVANCED EXPLOSIVE ORDNANCE DISPOSAL TRAINING FACILITY		7. Project Number 903
<p>(...continued)</p> <p>practical training exercises, and installation of paved access and parking for the training sites. Facility mock-ups will include simulated structures representing residential dwellings, commercial businesses, public transportation, utilities, base camps, and other structures relevant to the explosive training program. The construction of this project will provide physical security measures for anti-terrorism force protection in accordance with current standards.</p>		
<p>11. Requirement: <u>1,691 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Construct Advanced Explosive Ordnance Disposal (EOD) training facility and associated training range at which to train EOD Team Leaders from the Air-Force, Navy, Army, Marine Corps, and other Federal Agency personnel in Advanced Explosive Ordnance Disposal. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities are required to support training for an annual throughput of 576 students and 20 staff. The environment we are currently operating in requires: Modification/ Expansion of the existing course content and capacity to train more people.</p> <ul style="list-style-type: none"> -Course length will increase from 10 training days to 15 training days. -Course content will be changed significantly to meet the current threat. -Due to the increased requirement in training, student throughput will increase from 256 to 576. <p>The mission and objective of the Advanced Improvised Explosive Devices Disposal (AIEDD) Course is to train and evaluate Joint Service Explosive Ordnance (EOD) Team Leaders, selected Federal agency personnel and selected International EOD personnel in the skills needed to diagnose, disable, contain, and dispose of Weapons of Mass Destruction (WMD) and sophisticated Improvised Explosive Devices (IED) in varied environments, including battlefield operations, peacemaking/keeping operations and homeland defense.</p> <p>The current level of worldwide terrorism against military, civilian, and political targets has shown the need for an improved defense against WMD. Force protection and anti-terrorism threats require that EOD technicians be trained to counter command detonated devices, sensor activated roadside/ambush devices, Vehicle Borne IEDs (VBIED), Large Improvised Explosive Devices (LIED), standoff weapons (improvised mortars, rockets) and dispersal devices (Nuclear, Biological, Chemical (NBC) agents).</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N46207 NAVAL SCHOOL EXPLOSIVE ORDNANCE DISPOSAL EGLIN AIR FORCE BASE, FL		
4. Project Title ADVANCED EXPLOSIVE ORDNANCE DISPOSAL TRAINING FACILITY		7. Project Number 903
<p>(...continued)</p> <p>Training in the use of specialized equipment and procedures to diagnose, disable and dispose of advanced IEDs is mandated by the Surface Warfare Training Requirements Review (SWTRR) and Technical Training Acceptance Board (TTAB) decision papers.</p> <p>CURRENT SITUATION:</p> <p>Formal training is not available for Explosive Ordnance Disposal Team Leaders in Advanced Improvised Explosive Devices Disposal. EOD components of the 1997 Surface Warfare Training Requirements Review (SWTRR) identified an urgent and compelling need for an Advanced Improvised Explosive Devices Disposal (AIEDD) Course, to train EOD Team Leaders to counter the current and growing threat of Advanced Improvised Explosive Devices and worldwide terrorist acts.</p> <p>A small portion of the proposed course content is currently being taught at NAVSCOLEOD Detachment Indian Head, MD in the Advanced Access and Disablement (AA&D) course. However, the course cannot be expanded or conducted effectively at the current location primarily due to range restrictions that severely limit the use of explosives.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, the EOD community will have no formal training available to meet the current and rapidly growing worldwide AIEDD/LIED threat to national defense and Department of Defense (DoD) personnel and facilities. This course would enable DoD to more fully address Force Protection and Anti-Terrorism issues currently facing this nation.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 10/01</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: N46207 NAVAL SCHOOL EXPLOSIVE ORDNANCE DISPOSAL EGLIN AIR FORCE BASE, FL		
4. Project Title ADVANCED EXPLOSIVE ORDNANCE DISPOSAL TRAINING FACILITY		7. Project Number 903

(...continued)

(G) Parametric Estimate used to develop cost..... Yes

(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:

(A) Standard or Definitive Design: No

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	105
(B) All Other Design Costs.....	35
(C) Total.....	140
(D) Contract.....	35
(E) In-House.....	105

(4) Contract Award..... 11/02

(5) Construction Start..... 01/03

(6) Construction Completion..... 05/04

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Kit C - Demolition	OPN	FY04	290
Kit D - Recon & Render Safe	OPN	FY04	970
Kit K - 5 Andros MK V-A1 Robot	OPN	FY04	1250
Kit L - 5 Andros MK VI-A Robot	OPN	FY04	890
Bldg Furnishings, Equip Elec C O&MN		FY04	130
Vehicles, Tools, Equip, & PPE O&MN		FY04	310

Activity POC: EUGENE JACKSON Phone No: 850-882-6006

JOINT USE CERTIFICATION:

The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Joint use construction is recommended.

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02	
3. Installation and Location/UIC: N00204 NAVAL AIR STATION PENSACOLA FLORIDA				4. Command Chief of Naval Education and Training		5. Area Constr Cost Index 0.84	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	a. As Of 9/30/01	2,290	2,851	2,176	0	5,052	0	581	1,037	0
b. End FY 2008	1,979	2,973	2,315	0	6,764	0	581	1,037	0	15,649

7. INVENTORY DATA (\$000)	
a. TOTAL ACREAGE	(8,520.00)
b. INVENTORY TOTAL AS OF 30 Sep 2001.....	554,765.00
c. AUTHORIZATION NOT YET IN INVENTORY.....	2,920.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	990.00
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	47,144.00
g. REMAINING DEFICIENCY.....	358,140.00
h. GRAND TOTAL.....	963,959.00

8. Projects Requested In This Program:					
Category			Cost	Design Status	
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>
136.10	APPROACH LIGHTS RUNWAY 7L	0 LS	990	12/00	09/02
TOTAL			990		

9. Future Projects:					
a. Included In The Following Program (FY 2004):					
None					
b. Major Planned Next Three Years:					
721.14	BEQ "A" SCHOOL (119,049 SF)	11,060 m2	18,423		
721.22	BEQ TRANSIENT (69,686 SF)	6,474 m2	14,808		
171.20	OCS APPLIED INSTR FAC (91,504 SF)	8,501 m2	13,913		
TOTAL			47,144		
c. Real Property Maintenance Backlog (\$000): \$ 172,753					

10. Mission Or Major Functions:	
<p>Maintain and operate facilities and provide services and materials to support operations of aviation activities and units of the Naval Air Training Command. Under Base Closure 93, all air technical training functions will move from NAS Memphis to Pensacola. Supports Naval Aviation School, three Training Squadrons, Helicopter Support Squadron, Chief of Naval Education and Training, Navy Aerospace Medical Institute, Training Wing Six.</p>	

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N00204 NAVAL AIR STATION PENSACOLA FLORIDA		4. Command Chief of Naval Education and Training	5. Area Constr Cost Index 0.84
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00204 NAVAL AIR STATION PENSACOLA, FLORIDA			4. Project Title RUNWAY APPROACH LIGHTS	
5. Program Element 0805796N	6. Category Code 136.10	7. Project Number 715	8. Project Cost 990	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
RUNWAY APPROACH LIGHTS	LS	-	-	840
APPROACH LIGHTS	EA	30	10,300	(310)
DUCT SYSTEM (4WAY 4 INCH) (984 LF)	m	300	412	(120)
HANDHOLES	EA	30	2,060	(60)
SEQUENCE FLASHING LIGHTS (SFL)	EA	21	2,060	(40)
TRANSFORMER	EA	1	20,600	(20)
SERIES LIGHTING CABLE (45,932 LF)	m	14,000	17	(240)
SFL CABLES (4,373 LF)	m	1,333	13	(20)
#2, 5KV SHIELDED CABLE (6,562 LF)	m	2,000	16	(30)
SUPPORTING FACILITIES	LS	-	-	50
ASPHALT PAVEMENT REPAIR	LS	-	-	(20)
DEMOLITION	LS	-	-	(30)

SUBTOTAL	-	-	-	890
Contingency (5.0%)	-	-	-	40

TOTAL CONTRACT COST	-	-	-	930
Supervision Inspection & Overhead (6.0%)	-	-	-	60

TOTAL REQUEST	-	-	-	990
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Approach lights, threshold lights, and sequence flashing lights on R/W 7L. Utilize existing one story block building, regulators, emergency generator, access road, fencing, and electrical utilities presently used for approach lights on R/W 7R, and demolition.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
PROJECT:				
<p>Provide a Category I Approach Lighting Sequence Flashers (ALSF-1) Precision Approach Lighting System (PALS) with Sequenced Flashing Lights for R/W 7L Sherman Field. (Current mission)</p>				
REQUIREMENT:				
<p>Adequate approach lights for R/W 7L at Forest Sherman Field to enhance</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00204 NAVAL AIR STATION PENSACOLA, FLORIDA		
4. Project Title RUNWAY APPROACH LIGHTS		7. Project Number 715
<p>(...continued)</p> <p>flight safety and primary pilot training.</p> <p>NAS Pensacola's (NASP) mission is to provide primary, intermediate and advanced fixed wing training to student aviators. NASP trained 706 primary Naval Aviators in FY1999. In doing so, over 94,580 operations (landings and takeoffs) were conducted at Sherman Field. In addition, another 9,839 radar approaches were conducted.</p> <p>Installation of approach lights on the same runway as the ILS (Instrument Landing System) will reduce weather minimums required for the use of the ILS and increase airfield and pilot safety. Approach light systems provide the basic means to transition from instrument flight to visual flight for landing. The availability of flashing runway lights in the approach area to a precision instrument runway significantly enhances pilot safety and increases airfield efficiency by preventing divers to alternate landing sites. Divers are not tracked precisely but are estimated at 3% if approach lights are inoperative during inclement weather. Diverted aircraft reduce mission training effectiveness by placing aircraft and aircrew at non-military bases with associated recovery and cost problems.</p> <p>CURRENT SITUATION:</p> <p>R/W 7R is presently equipped with Approach Lights which were installed in 1965. Due to the age of the equipment, replacement parts are hard to procure, the system has deteriorated, and maintenance is becoming increasingly difficult. Some parts are no longer manufactured and they have to be scavenged from other systems that have been dismantled at other stations.</p> <p>Under low visibility and instrument conditions, approach lighting is critical to acquiring the airfield when coming in for an approach to land. Approaches have a decision point where the pilot must decide to land if he has the runway environment in sight or wave off. When the aircraft approaches this point it is critical that the pilot can visually acquire the runway environment to land safely. Approach lighting with strobe lights is a critical aid at this point during period of reduced visibility such as haze or rain and may make the difference between a successful landing and a divert to an alternate field.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Flight safety, mission readiness, and protection of government property (a</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00204 NAVAL AIR STATION PENSACOLA, FLORIDA		
4. Project Title RUNWAY APPROACH LIGHTS		7. Project Number 715
<p>(...continued)</p> <p>T-34C aircraft is valued at approximately \$1.3 million and an FA-18 is valued at approximately \$30 million) would be jeopardized. Non-availability of diverted aircraft and instructors will continue to impair training and maintenance and result in a loss of valuable training assets. If current deteriorated approach lights were to become inoperable, the mission of the Naval Air Station would be severely degraded. Increased approach and landing minimums would significantly increase diverted aircraft during inclement weather and unacceptable airfield safety conditions.</p> <p>Based on current operational data, an estimated 10,000 aircraft will utilize this runway for instrument approaches. Of these approaches, approximately 3% will be diverted to other airports, resulting in over 1,800 hours of lost training and over 2,000 hours of aircraft unavailability.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 60</p> <p>(B) All Other Design Costs..... 20</p> <p>(C) Total..... 80</p> <p>(D) Contract..... 50</p> <p>(E) In-House..... 30</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00204 NAVAL AIR STATION PENSACOLA, FLORIDA		
4. Project Title RUNWAY APPROACH LIGHTS		7. Project Number 715
<p>(...continued)</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 01/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: STEVE WARD Phone No: DSN 922-4515 EX</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM							2. Date 2/12/02																																																	
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR HAWAII					4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 1.57																																																	
<table border="1"> <tr> <td rowspan="3">6. Personnel Strength</td> <td colspan="3">Permanent</td> <td colspan="3">Students</td> <td colspan="3">Supported</td> <td rowspan="2">Total</td> </tr> <tr> <td>Officer</td> <td>Enlisted</td> <td>Civilian</td> <td>Officer</td> <td>Enlisted</td> <td>Civilian</td> <td>Officer</td> <td>Enlisted</td> <td>Civilian</td> </tr> <tr> <td>a. As Of 9/30/01</td> <td>1,530</td> <td>9,892</td> <td>7,512</td> <td>0</td> <td>0</td> <td>0</td> <td>243</td> <td>220</td> <td>0</td> <td>19,397</td> </tr> <tr> <td>b. End FY 2008</td> <td>1,551</td> <td>9,625</td> <td>7,430</td> <td>0</td> <td>0</td> <td>0</td> <td>243</td> <td>220</td> <td>0</td> <td>19,069</td> </tr> </table>										6. Personnel Strength	Permanent			Students			Supported			Total	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	a. As Of 9/30/01	1,530	9,892	7,512	0	0	0	243	220	0	19,397	b. End FY 2008	1,551	9,625	7,430	0	0	0	243	220	0	19,069						
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7. INVENTORY DATA (\$000)																																																									
a. TOTAL ACREAGE (6,123.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 256,530.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 92,480.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 10,490.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 12,500.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 415,340.00 g. REMAINING DEFICIENCY..... 1,060,506.00 h. GRAND TOTAL..... 1,847,846.00																																																									
8. Projects Requested In This Program: <table border="0"> <tr> <td>Category</td> <td></td> <td>Cost</td> <td>Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td><u>Scope</u></td> <td><u>(\$000)</u> <u>Start</u> <u>Complete</u></td> </tr> <tr> <td>152.10</td> <td>RECAPITALIZE BRAVO DOCKS</td> <td>0 LS</td> <td>10,490 12/00 09/02</td> </tr> <tr> <td colspan="2">TOTAL</td> <td></td> <td>----- 10,490</td> </tr> </table>										Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u> <u>Start</u> <u>Complete</u>	152.10	RECAPITALIZE BRAVO DOCKS	0 LS	10,490 12/00 09/02	TOTAL			----- 10,490																																
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9. Future Projects: a. Included In The Following Program (FY 2004): <table border="0"> <tr> <td>831.20</td> <td>OUTFALL SEWER LINE</td> <td>0 LS</td> <td>12,500</td> </tr> <tr> <td colspan="2">TOTAL</td> <td></td> <td>----- 12,500</td> </tr> </table>										831.20	OUTFALL SEWER LINE	0 LS	12,500	TOTAL			----- 12,500																																								
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b. Major Planned Next Three Years: <table border="0"> <tr> <td>152.20</td> <td>RECONSTRUCT WHARF S-1</td> <td>0 LS</td> <td>39,455</td> </tr> <tr> <td>152.10</td> <td>RECONSTRUCT WHARF S20</td> <td>0 LS</td> <td>30,623</td> </tr> <tr> <td>152.20</td> <td>WHARF RECONSTRUCTION</td> <td>0 LS</td> <td>29,020</td> </tr> <tr> <td>812.30</td> <td>ELEC SYS UPGR(FORD ISLAND)</td> <td>0 LS</td> <td>19,350</td> </tr> <tr> <td>721.14</td> <td>BEQ REPLACEMENT (ARIZONA)</td> <td>0 LS</td> <td>30,023</td> </tr> <tr> <td>721.11</td> <td>BEQ REPLACEMENT(UTAH HALL)</td> <td>0 LS</td> <td>17,193</td> </tr> <tr> <td>740.43</td> <td>PHYS READINESS TRNG CTR</td> <td>0 LS</td> <td>21,783</td> </tr> <tr> <td>721.11</td> <td>REGIONAL BEQ</td> <td>0 LS</td> <td>33,564</td> </tr> <tr> <td>721.11</td> <td>BEQ REPLACEMENT</td> <td>0 LS</td> <td>14,064</td> </tr> <tr> <td>721.11</td> <td>BEQ MODERNIZATION</td> <td>0 LS</td> <td>4,970</td> </tr> <tr> <td>152.80</td> <td>DEPERMING WHARF</td> <td>0 LS</td> <td>32,796</td> </tr> <tr> <td>721.11</td> <td>BQ (HALE MOKU SITE)</td> <td>0 LS</td> <td>63,738</td> </tr> </table>										152.20	RECONSTRUCT WHARF S-1	0 LS	39,455	152.10	RECONSTRUCT WHARF S20	0 LS	30,623	152.20	WHARF RECONSTRUCTION	0 LS	29,020	812.30	ELEC SYS UPGR(FORD ISLAND)	0 LS	19,350	721.14	BEQ REPLACEMENT (ARIZONA)	0 LS	30,023	721.11	BEQ REPLACEMENT(UTAH HALL)	0 LS	17,193	740.43	PHYS READINESS TRNG CTR	0 LS	21,783	721.11	REGIONAL BEQ	0 LS	33,564	721.11	BEQ REPLACEMENT	0 LS	14,064	721.11	BEQ MODERNIZATION	0 LS	4,970	152.80	DEPERMING WHARF	0 LS	32,796	721.11	BQ (HALE MOKU SITE)	0 LS	63,738
152.20	RECONSTRUCT WHARF S-1	0 LS	39,455																																																						
152.10	RECONSTRUCT WHARF S20	0 LS	30,623																																																						
152.20	WHARF RECONSTRUCTION	0 LS	29,020																																																						
812.30	ELEC SYS UPGR(FORD ISLAND)	0 LS	19,350																																																						
721.14	BEQ REPLACEMENT (ARIZONA)	0 LS	30,023																																																						
721.11	BEQ REPLACEMENT(UTAH HALL)	0 LS	17,193																																																						
740.43	PHYS READINESS TRNG CTR	0 LS	21,783																																																						
721.11	REGIONAL BEQ	0 LS	33,564																																																						
721.11	BEQ REPLACEMENT	0 LS	14,064																																																						
721.11	BEQ MODERNIZATION	0 LS	4,970																																																						
152.80	DEPERMING WHARF	0 LS	32,796																																																						
721.11	BQ (HALE MOKU SITE)	0 LS	63,738																																																						

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02																								
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR HAWAII		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 1.57																								
(...continued) <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">721.11</td> <td style="width: 45%;">BQ (HALE MOKU SITE)</td> <td style="width: 15%;">0 LS</td> <td style="width: 25%;">29,902</td> </tr> <tr> <td>137.40</td> <td>PORT CONTROL OFFICE</td> <td>0 LS</td> <td>17,130</td> </tr> <tr> <td>171.10</td> <td>CONSOLIDATE TRNG CAMPUS</td> <td>0 LS</td> <td>19,803</td> </tr> <tr> <td>872.10</td> <td>SECURITY UPGRADE(MAKALAPA)</td> <td>0 LS</td> <td>11,926</td> </tr> <tr> <td></td> <td></td> <td></td> <td>-----</td> </tr> <tr> <td></td> <td>TOTAL</td> <td></td> <td>415,340</td> </tr> </table>				721.11	BQ (HALE MOKU SITE)	0 LS	29,902	137.40	PORT CONTROL OFFICE	0 LS	17,130	171.10	CONSOLIDATE TRNG CAMPUS	0 LS	19,803	872.10	SECURITY UPGRADE(MAKALAPA)	0 LS	11,926				-----		TOTAL		415,340
721.11	BQ (HALE MOKU SITE)	0 LS	29,902																								
137.40	PORT CONTROL OFFICE	0 LS	17,130																								
171.10	CONSOLIDATE TRNG CAMPUS	0 LS	19,803																								
872.10	SECURITY UPGRADE(MAKALAPA)	0 LS	11,926																								

	TOTAL		415,340																								
c. Real Property Maintenance Backlog (\$000): \$ 185,380																											
10. Mission Or Major Functions: Pearl Harbor is homeport for approximately 40 surface combatants and submarines. This station operates and controls the harbor and maintains and operates shore-based support facilities such as shore intermediate maintenance, housing, recreation, and personnel assistance for afloat surface units and most of the shore tenant activities in the Pearl Harbor area. NOTE: The Block 6 Personnel Strength numbers include all tenant activities of subcomplex PA12, Naval Station, Pearl Harbor (Public Works Center, Naval Shipyard, etc.).																											
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0																											

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR, HAWAII			4. Project Title RECAPITALIZE BRAVO WHARFS	
5. Program Element 0204796N	6. Category Code 152.10	7. Project Number 597	8. Project Cost 10,490	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
RECAPITALIZE BRAVO WHARFS	LS	-	-	4,400
WHARF UPGRADES	LS	-	-	(4,320)
INFORMATION SYSTEMS	LS	-	-	(40)
TECHNICAL OPERATING MANUALS	LS	-	-	(40)
SUPPORTING FACILITIES	LS	-	-	4,980
SUBSTATION MODIFICATIONS	LS	-	-	(3,010)
ELECTRICAL DISTRIBUTION LINES	LS	-	-	(1,140)
POWER OUTLETS	LS	-	-	(320)
PIER/WHARF MODIFICATIONS	LS	-	-	(510)

SUBTOTAL	-	-	-	9,380
Contingency (5.0%)	-	-	-	470

TOTAL CONTRACT COST	-	-	-	9,850
Supervision Inspection & Overhead (6.5%)	-	-	-	640

TOTAL REQUEST	-	-	-	10,490
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project proposes to upgrade the wharf fender system and the shore power electrical system for the BRAVO Wharfs. Fender system upgrades include the replacement of deteriorated timber pile fender system with a new fender system with full length prestressed concrete piles, fenders, wales and chocks. The concrete pile fender bearing points will be placed at 75 feet on center. The full-length concrete piles will also provide secondary fendering between the new concrete pile fender points at 8 feet on center. The project also includes upgrading shore power, industrial outlets, communications, air, steam, water and waste water systems, electrical distribution system, and electrical transformer substation (Building 72) that provide 480 volt secondary feeders to the wharves. The timber piles currently in use are creosote treated and are considered a potentially hazardous material. Disposal of the creosote treated timber piles requires a Toxicity Characteristic Leaching Procedure (TCLP) analysis to determine if the waste should be disposed of as a hazardous material.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62813 NAVAL STATION PEARL HARBOR, HAWAII		
4. Project Title RECAPITALIZE BRAVO WHARFS		7. Project Number 597
<p>(...continued)</p> <p>11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u></p> <p>PROJECT:</p> <p>Upgrade the wharf fender system and upgrade the shore power, industrial outlets, and the electrical distribution system that support berthing vessels and ship repair activities at BRAVO Wharfs. (Current mission)</p> <p>REQUIREMENT:</p> <p>Existing wharf and shore power electrical facilities must be upgraded to provide sufficient reliable berthing and electrical service to modern surface ships for repair and overhaul, ensuring continuing operation and effective use of docking facilities. The age of the shore power electrical facilities (built in 1928 and 1936) and the rapid increase in power demand in recent years have driven the dock power outlets toward obsolescence. Approximately 12 ships with shore power requirements greater than that of the existing power outlets of 6400 AMPS are homeported at Pearl Harbor (for FY00) including the following: ARS - 800 AMPS; Guided Missile Cruiser (CG-47) - 4,000 AMPS (3 ea); Destroyer (DD-963) - 3,200 AMPS; Guided Missile Destroyer (DDG-51) - 4,500 AMPS (4 ea); Guided Missile Frigate (FFG-7) - 2,800 AMPS (2 ea); and Tank Landing Ship (LST) - 1,800 AMPS.</p> <p>CURRENT SITUATION:</p> <p>The existing power facilities (6,400 AMPS) are insufficient to meet current and future power demands (9,600 AMPS). Increased power demand and ship berthings cause critical power shortages at this location and will greatly hamper Pacific Fleet operations. Existing wharves (built in 1936) utilize timber fender system with wood piles, chocks, blocks and wales to absorb the docking forces induced by ships on the wharf structure. Wharves have timber pile fender bearing points with a secondary timber pile fender system. Floating fenders are used between the ship and the wharves to distribute wind, docking and current forces induced by or on the ships. The timber fender system is subject to marine borer attack and marine deterioration. In addition, the timber fenders do not effectively absorb the berthing forces of present surface vessels that use the facilities. Therefore, the timber fender system has constant breakage, especially at the fender locations, where direct docking forces are applied to the timber piles. Some visual deterioration is evident in concrete deck surface spalling, pile spalling, and bollards/cleats.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62813 NAVAL STATION PEARL HARBOR, HAWAII		
4. Project Title RECAPITALIZE BRAVO WHARFS		7. Project Number 597
<p>(...continued)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The wharf and shore power electrical facilities will continue to be degraded due to inadequate berthing conditions and power service, resulting in unreliable docking facilities, and impairing the operations and readiness of the Pacific Fleet.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 560</p> <p>(B) All Other Design Costs..... 187</p> <p>(C) Total..... 747</p> <p>(D) Contract..... 467</p> <p>(E) In-House..... 280</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 04/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR, HAWAII		
4. Project Title RECAPITALIZE BRAVO WHARFS		7. Project Number 597
(...continued) Activity POC: CAPT JENNIFER MUSTAIN Phone No: (808) 471-1170		
JOINT USE CERTIFICATION: The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is: This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N00210 NAVAL TRAINING CENTER GREAT LAKES ILLINOIS				4. Command Chief of Naval Education & Training		5. Area Constr Cost Index 1.26				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	565	3,755	1,236	0	5,294	0	756	1,635	0	13,241
	611	4,175	1,265	0	6,971	0	756	1,635	0	15,413
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (1,857.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 609,229.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 231,830.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 85,100.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 118,056.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 364,119.00										
g. REMAINING DEFICIENCY..... 536,708.00										
h. GRAND TOTAL..... 1,945,042.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>		<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>					
					<u>Start</u>	<u>Complete</u>				
721.15	RECRUIT BARRACKS (172,147 SF)		15,993 m2	43,360	12/00	03/03				
721.15	RECRUIT BARRACKS (172,147 SF)		15,993 m2	41,740	12/00	03/03				
TOTAL				85,100						
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
171.40	DRILL HALL REPL (65,122 SF)		6,050 m2	13,133						
721.14	BEQ 'A' SCHOOL REPLACEMENT (147,907 SF)		13,741 m2	23,057						
721.11	RTC BARRACKS (172,147 SF)		15,993 m2	40,933						
721.11	RTC BARRACKS (172,147 SF)		15,993 m2	40,933						
TOTAL				118,056						
b. Major Planned Next Three Years:										
740.74	CHILD DEVELOPMENT CENTER		23,000 SF	8,596						
740.21	EXTEND RECRUIT SUPPORT CTR (8,902 SF)		827 m2	2,100						
721.14	BEQ "A" SCHOOL REPL (183,794 SF)		17,075 m2	18,834						
721.14	BEQ "A" SCHOOL REPL (183,794 SF)		17,075 m2	19,109						
721.14	BEQ "A" SCHOOL REPL (183,794 SF)		17,075 m2	19,505						
721.14	BEQ "A" SCHOOL REPL (183,794 SF)		17,075 m2	43,388						

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N00210 NAVAL TRAINING CENTER GREAT LAKES ILLINOIS		4. Command Chief of Naval Education & Training	5. Area Constr Cost Index 1.26
(...continued)			
721.11		RTC BARRACKS (172,147 SF)	15,993 m2 41,493
721.11		RTC BARRACKS (172,147 SF)	15,993 m2 41,493
721.11		RTC BARRACKS (172,147 SF)	15,993 m2 42,093
171.20		BATTLE STA TRNG FAC INC I (179,994 SF)	16,722 m2 61,518
171.20		BATTLE STATIONS TRNG FAC (179,994 SF)	16,722 m2 61,518
730.20		RELOCATE SECURITY FACILITY (24,757 SF)	2,300 m2 4,472

		TOTAL	364,119
c. Real Property Maintenance Backlog (\$000): \$ 296,630			
10. Mission Or Major Functions: Provide basic indoctrination (recruit training) for enlisted personnel; primary, advanced, and specialized training for officer and enlisted personnel at Recruit Training Command Service School.			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00210 RECRUIT TRAINING COMMAND GREAT LAKES, ILLINOIS			4. Project Title RECRUIT BARRACKS	
5. Program Element 0805796N	6. Category Code 721.15	7. Project Number 734	8. Project Cost 43,360	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
RECRUIT BARRACKS (172,147 SF)	m2	15,993	-	30,130
BACHELOR ENLISTED QUARTERS (147,767 SF)	m2	13,728	1,675	(22,990)
APPLIED INSTRUCTION BUILDING (9,817 SF)	m2	912	2,012	(1,830)
ENLISTED DINING FACILITY (14,564 SF)	m2	1,353	3,275	(4,430)
BUILT-IN EQUIPMENT	LS	-	-	(400)
TECHNICAL OPERATING MANUALS	LS	-	-	(190)
ANIT-TERRORISM/FORCE PROTECTION	LS	-	-	(290)
SUPPORTING FACILITIES	LS	-	-	8,150
ELECTRICAL UTILITIES	LS	-	-	(670)
MECHANICAL UTILITIES	LS	-	-	(3,690)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,660)
DEMOLITION	LS	-	-	(1,130)

SUBTOTAL	-	-	-	38,280
Contingency (5.0%)	-	-	-	1,910

TOTAL CONTRACT COST	-	-	-	40,190
Supervision Inspection & Overhead (6.0%)	-	-	-	2,410

SUBTOTAL	-	-	-	42,600
DESIGN/BUILD - DESIGN COST	LS	-	-	760

TOTAL REQUEST	-	-	-	43,360
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Three story open-bay building to accommodate 1,056 recruits including classrooms and a modified enlisted closed mess to serve the entire 1,056 recruits and staff in 60 minutes (food serving and eating area only). The facility will have an entrance canopy, a fire protection system, utilities, and heating, ventilating and air conditioning, pipelines, upgrade existing electrical substations, technical operating manuals, paving, site improvements, and demolition. Built-in equipment includes elevators, fire pump and package boiler for food preparation. The facility will be constructed to seismic zone 1 criteria. Upgrade the water distribution system by providing a new pumping station, a new elevated water tank and replacement of water mains. Anti-terrorism/force</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00210 RECRUIT TRAINING COMMAND GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS		7. Project Number 734
<p>(...continued) protection features will be included.</p> <p>Intended Grade Mix: 1,056 Recruits Maximum Utilization: 1,056 Recruits</p>		
<p>11. Requirement: <u>1,056 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Construct a new 1,056 person (PN) Recruit Barracks at the Recruit Training Command to provide adequate berthing space, messing facilities, and academic instruction spaces in the same building to provide more efficient training time. (Current mission)</p> <p>REQUIREMENT:</p> <p>This new training concept is currently being used successfully by the Army and Air Force and utilizes an all in one complex (AIOC) for more efficient use of training time. This project will partially correct the existing deficiency in the Department Of Defense requirement for recruit berthing space at the Recruit Training Command Great Lakes. This project is a continuation of two FY 2001 projects and two FY 2002 projects to correct this space deficiency and institute a new training concept where the academic recruit training is done in the same facility as the living quarters. The current total barracks capacity is 10,800 based on current space criteria with a surge requirement of 16,000. One existing inadequate RTC Barracks will be demolished. Future projects will continue to be submitted to replace all of the existing barracks using this AIOC concept.</p> <p>CURRENT SITUATION:</p> <p>Adequate, collocated berthing, classroom and mess facilities are required to support the training mission of the Recruit Training Command. Recruit training is hampered by the lack of suitable or adequate berthing facilities. Currently, recruits are housed in barracks that have a space allowance of 50 net square feet per recruit and a waiver is required to operate in this manner. This does not meet the current standard of 72 net square feet per recruit. In addition, the current facilities were built in the 1950s and 1960s and are reaching the end of their useful life. Maintenance is a major problem, and there is no air conditioning or forced air ventilation in any of the barracks. They are heated with steam fin tube radiators along the perimeter walls and there is virtually no</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00210 RECRUIT TRAINING COMMAND GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS		7. Project Number 734
<p>(...continued)</p> <p>control. Windows have to be opened to control the temperature and many of the windows are inoperative. The buildings do not meet current American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc. (ASHRAE) outside air ventilation requirements. Court yards are a waste of usable space. The gang heads were built for a capacity of 60 which is not sufficient for the existing 88-94 persons per division. The only fire protection is smoke detectors. The exterior of the structures are deteriorated with exposed re-bar in many areas due to spalling concrete. The water, sewer, and electrical systems are old, undersized, and unreliable.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If the deficiency is not corrected, the training mission requirements will be severely impacted by reducing training time, training consistency, and increased attrition. The Navy's long range recruiting goals will not be realized if these facility deficits continue to exist. Mission support and readiness throughout the Navy will be impacted if recruit training is limited by lack of berthing and training spaces. These deficiencies at RTC Great Lakes are resulting in the inability to train an adequate number of recruits to meet the Fleet requirement of 56,000 throughput and a 16,000 surge requirement.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00210 RECRUIT TRAINING COMMAND GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS		7. Project Number 734
<p>(...continued)</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 740</p> <p>(B) All Other Design Costs..... 200</p> <p>(C) Total..... 940</p> <p>(D) Contract..... 200</p> <p>(E) In-House..... 740</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR MICHAELA BRADLEY Phone No: (847)-688-4211</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS			4. Project Title RECRUIT BARRACKS	
5. Program Element 0805796N	6. Category Code 721.15	7. Project Number 735	8. Project Cost 41,740	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
RECRUIT BARRACKS (172,147 SF)	m2	15,993	-	30,130
BACHELOR ENLISTED QUARTERS (147,767 SF)	m2	13,728	1,675	(22,990)
APPLIED INSTRUCTION BUILDING (9,817 SF)	m2	912	2,012	(1,830)
ENLISTED DINING FACILITY (14,564 SF)	m2	1,353	3,275	(4,430)
BUILT-IN EQUIPMENT	LS	-	-	(400)
TECHNICAL OPERATING MANUALS	LS	-	-	(190)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(290)
SUPPORTING FACILITIES	LS	-	-	6,720
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(190)
ELECTRICAL UTILITIES	LS	-	-	(1,280)
STEAM DISTRIBUTION LINES	LS	-	-	(1,230)
MECHANICAL UTILITIES	LS	-	-	(1,410)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,810)
DEMOLITION	LS	-	-	(800)

SUBTOTAL	-	-	-	36,850
Contingency (5.0%)	-	-	-	1,840

TOTAL CONTRACT COST	-	-	-	38,690
Supervision Inspection & Overhead (6.0%)	-	-	-	2,320

SUBTOTAL	-	-	-	41,010
DESIGN/BUILD - DESIGN COST	LS	-	-	730

TOTAL REQUEST	-	-	-	41,740
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Three-story, open-bay, concrete and masonry, steel framed building to accommodate 1,056 recruits including classrooms and a modified enlisted closed mess to serve the entire 1,056 recruits and staff in 60 minutes (food serving and eating area only). The facility will have basement storage, an entrance canopy, ventilation and air conditioning, electrical and mechanical utilities, fire protection system, telephone and underground conduit and wiring, pipelines from cogeneration plant to barracks, technical operating manuals, parking and site improvements, and demolition. Built-in equipment includes elevators, fire pump and package</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS		7. Project Number 735
<p>(...continued)</p> <p>boiler for food preparation. Special construction includes basement excavation and dewatering systems. Anti-terrorism/force protection features will be included</p> <p>Intended Grade mix: 1,056 Recruits. Maximum Utilization: 1,056 Recruits.</p>		
<p>11. Requirement: <u>1,056 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Constructs a new 1,056 person Recruit Barracks at the Recruit Training Command to provide adequate berthing space, messing facilities, and academic instruction spaces in the same building. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate, collocated berthing, classroom and mess facilities are required to support the training mission of the Recruit Training Command. This new training concept is currently being used successfully by the Army and Air Force and utilizes an all in one complex for more efficient use of training time. This project is one of two FY 2003 projects and will partially correct the existing deficiency in the DOD requirement for recruit berthing space at RTC Great Lakes. The current total barracks capacity is 10,800, based on current space criteria, with a surge requirement of 16,000.</p> <p>CURRENT SITUATION:</p> <p>Currently, the individual recruit barracks house 1,056 recruits in about 50 net square feet (NSF) per person. This is in violation of the current standard of 72 NSF per person and requires a waiver to operate at this capacity. Recruit training is hampered by the lack of suitable or adequate berthing facilities. In addition, the current facilities were built in the 1950's and 1960's and are reaching the end of their useful life. Maintenance is a major problem, and there is no air conditioning or forced air ventilation in any of the barracks. They are heated with steam fin tube radiators along the perimeter walls, and there is virtually no control of the heating level. Windows have to be opened to control the temperature, and many of the windows are inoperative. The buildings do not meet current American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc. (ASHRAE) outside air ventilation requirements. The gang heads were built for a capacity of 60 persons,</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS		7. Project Number 735
<p>(...continued)</p> <p>which is not sufficient for the current 88-94 persons per division. The only fire protection is smoke detectors. The exteriors of the structures are deteriorated with exposed re-bar in many areas due to spalling concrete. The water, sewer, and electrical systems are old, undersized, and unreliable.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If the deficiency is not corrected, the training mission requirements will be severely impacted by reduced training time, lack of training consistency, and increased attrition. The Navy's long range recruiting goals will not be realized if these facility deficits continue to exist. Mission support and readiness throughout the Navy will be impacted if recruit training is limited by lack of berthing and training spaces. These deficiencies at RTC Great Lakes are resulting in the inability to train an adequate number of recruits to meet the fleet requirement of 56,000 throughput and a 16,000 surge requirement.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 740</p> <p>(B) All Other Design Costs..... 200</p> <p>(C) Total..... 940</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS		7. Project Number 735
<p>(...continued)</p> <p>(D) Contract..... 200</p> <p>(E) In-House..... 740</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR MICHAELA BRADLEY Phone No: (847)-688-4211</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N00102 PORTSMOUTH NAVAL SHIPYARD KITTERY, MAINE				4. Command Commander In Chief, Atlantic Fleet		5. Area Constr Cost Index 1.04				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	130	564	3,504	0	0	0	26	157	0	4,381
	123	421	3,870	0	0	0	38	311	0	4,763
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (273.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 147,872.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 11,600.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 88,613.00										
h. GRAND TOTAL..... 248,085.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>		
730.25	AT/FP IMPROVEMENTS					0 LS	11,600	10/01	09/02	

TOTAL							11,600			
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 46,316										
10. Mission Or Major Functions:										
Maintenance and overhaul of attack submarines. Logistic support provided includes conversion, overhaul, repair, alterations, and drydocking of submarines. Support is also provided for submarine warfare weapon systems. The yard integrates requirements and manages the planning and engineering effort for overhauls of complex submarines.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00102 PORTSMOUTH NAVAL SHIPYARD KITTERY, MAINE			4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	
5. Program Element 0702096N	6. Category Code 730.25	7. Project Number 904	8. Project Cost 11,600	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	LS	-	-	10,420
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	10,420
Contingency (5.0%)	-	-	-	520

TOTAL CONTRACT COST	-	-	-	10,940
Supervision Inspection & Overhead (6.0%)	-	-	-	660

TOTAL REQUEST	-	-	-	11,600
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Project proposes various security additions such as installation of perimeter/security fencing with arresting cables, boundary identification markers/systems, physical barriers, security platforms, high-intensity lighting, waterfront guard towers, improved communication systems, vehicular and personnel entry-control facilities (including permanent remotely-controlled 'pop-up' barriers, proper stacking lanes for vehicles, parking garage, specially-demarcated adjoining areas and projectile resistant guard kiosks), security fencing with heightened vehicular crash-through mitigation features, perimeter and patrol roads. These improvements will be focused on the high priority areas of installation boundaries/perimeters and entry points, waterfront (especially at Fleet concentration and homeport locations), airfield and flightline, ordnance and fuels storage, and high military/civilian and dependent personnel concentrations.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
PROJECT:				
<p>This project proposes security improvements that provide or enhance anti-terrorism and force protection features at existing installations to protect our peacetime, warfighting, and training assets (ships, submarines, aircraft, personnel, facilities, and infrastructure) and capabilities from obvious and specious attacks or infiltrations. (Current mission)</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00102 PORTSMOUTH NAVAL SHIPYARD KITTERY, MAINE		
4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS		7. Project Number 904
<p>(...continued)</p> <p>REQUIREMENT:</p> <p>Naval installations ashore must deal with a variety of threats to the installation, to Naval personnel, and to Naval platforms that are present at the installation. These threats can be deployed from the air, water (surface and submerged), and land. Before September 11, 2001 the perceived threat at CONUS locations was generally considered low to moderate. Facilities were designed based on the low perceived threat. With an increased threat the resulting additional requirements are driving the need for new security features to protect Navy assets. Various physical, electronic, and operational security improvements are required.</p> <p>CURRENT SITUATION:</p> <p>Department of Navy installations have varied exposure to potential terrorism threats. However, all installations in some way lack the physical security features described in Item 10 above necessary to hinder or mitigate potential terrorist actions or breaches in security.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Potential crippling of naval forces or capabilities; potential injury or loss of life and damage to vessels, aircraft, facilities/infrastructure; potential undermining of morale among our forces and the general U.S. public; potential undermining of international perception of U.S. forces specifically, and U.S. priorities in general; high cost of rescue, clean-up and recovery after a terrorist attack.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 10/01</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00102 PORTSMOUTH NAVAL SHIPYARD KITTERY, MAINE		
4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS		7. Project Number 904
<p>(...continued)</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 619</p> <p>(B) All Other Design Costs..... 206</p> <p>(C) Total..... 825</p> <p>(D) Contract..... 516</p> <p>(E) In-House..... 309</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 07/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LT DANIEL HUTCHINS Phone No: 207-438-5534</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N00166 NAVAL AIR FACILITY WASHINGTON ANDREWS AIR FORCE BASE, MARYLAND					4. Command Chief of Naval Operations		5. Area Constr Cost Index 0.96			
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	87	729	33	0	0	0	9	15	0	873
	89	696	183	0	0	0	9	15	0	992
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (1,399.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 608,633.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 9,680.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 13,097.00										
h. GRAND TOTAL..... 631,410.00										
8. Projects Requested In This Program:										
Category										
Cost Design Status										
<u>Code</u>	<u>Project Title</u>		<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>				
721.12	BEQ REPLACEMENT (42,625 SF)		3,960 m2	9,680	12/00	03/03				

TOTAL				9,680						
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 6,100										
10. Mission Or Major Functions:										
<p>To administer the Naval Air Facility (NAF) Air Reserve Program as directed by Commanding Officer Naval Air Reserve Force (COMNAVRESFOR). To train all local reserve units for their mobilization assignments. To provide administrative coordination and logistic support of the Naval Air Reserve units of the local area. To provide logistic support of the Marine Aircraft Group 41 Detachment A and to perform all other functions as directed by the Chief of Naval Operations (CNO).</p> <p>NAF is subject to the area coordination and authority of the Commandant, Naval District Washington.</p> <p>NAF Washington prepares and coordinates the mobilization plans for all</p>										
(Continued On DD 1390C)										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N00166 NAVAL AIR FACILITY WASHINGTON ANDREWS AIR FORCE BASE, MARYLAND		4. Command Chief of Naval Operations	5. Area Constr Cost Index 0.96
(...continued) assigned Selected Air Reserve Units and executes such plans as directed.			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00166 NAVAL AIR FACILITY ANDREWS AIR FORCE BASE, MARYLAND			4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT	
5. Program Element 0505196N	6. Category Code 721.12	7. Project Number 026A	8. Project Cost 9,680	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS REPLACEMENT (42,625 SF)	m2	3,960	-	6,850
BACHELOR ENLISTED QUARTERS (42,625 SF)	m2	3,960	1,633	(6,470)
BUILT-IN EQUIPMENT	LS	-	-	(180)
INFORMATION SYSTEMS	LS	-	-	(50)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(70)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
SUPPORTING FACILITIES	LS	-	-	1,550
UTILITIES	LS	-	-	(280)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(720)
DEMOLITION	LS	-	-	(550)

SUBTOTAL	-	-	-	8,400
Contingency (5.0%)	-	-	-	420

TOTAL CONTRACT COST	-	-	-	8,820
Supervision Inspection & Overhead (6.0%)	-	-	-	530

SUBTOTAL	-	-	-	9,350
DESIGN/BUILD - DESIGN COST	LS	-	-	330

TOTAL REQUEST	-	-	-	9,680
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>New construction of a multi-story, exterior access bachelor quarters with load-bearing masonry walls, brick veneer, spread footings, concrete floor slabs, standing seam roof system, exterior entrances, utilities, fire protection system, individual controlled heating/air conditioning system, parking, landscaping, recreational areas, Anti-Terrorism Force Protection, and technical operating manuals. The new barracks will contain 60 '1+1' standard modules each with a semi-private bath, two sleeping/living room areas, two closets per room, and a kitchenette/food service area. Built in equipment includes energy monitoring and control systems. This project will include the demolition of Building 1686 and associated asbestos abatement.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00166 NAVAL AIR FACILITY ANDREWS AIR FORCE BASE, MARYLAND		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 026A
(...continued) Intended Grade Mix: 15 E1-E4 (<4 years); 42 E4 (>4 years)-E6; 9 E7-E9 Maximum Utilization: 120 E1-E4		
11. Requirement: <u>42 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u> PROJECT: Construct '1+1' Bachelor Enlisted Quarters with sixty rooms for enlisted personnel at the Naval Air Facility, Andrews Air Force Base. (Current mission) REQUIREMENT: Adequate and modern bachelor housing, which meets Department of Defense quality of life standards, is required for enlisted personnel on base. Naval Air Facility (NAF) active duty enlisted personnel support key Navy requirements as members of reserve squadrons (VR-1, VR-48, VR-53, VAC-209, MAG-49, MASD), an aviation maintenance facility, and as trainers of the ready reserves. In addition, the enlisted force supports air transportation requirements for the Chief of Naval Operations, Secretary of the Navy, and the Commandant of the Marine Corps, as well as other dignitaries. With the drawdown of the active force, many of the active missions have shifted to the reserve squadrons. Operation tempo has increased significantly but support facilities remain inadequate. Adequate berthing is required for junior enlisted personnel who cannot find housing within reasonable commuting distance in this high cost of living area. This is the second of the two projects to eliminate the deficiency of adequate bachelor housing for NAF personnel. The other project P-036, is in the FY2002 MILCON program. CURRENT SITUATION: The existing facility was built in 1961 and is beyond its economic life. The building does not meet current building or fire protection codes nor does it meet handicap accessibility standards. The existing building does not have a fire sprinkler system. Lack of control of heating, ventilation, and air conditioning (HVAC) in the spaces results in uncomfortable living conditions. The HVAC system is well beyond its useful life and requires immediate replacement. The plumbing is badly corroded and requires continual maintenance, existing gang showers do not meet current standards for this grade level. No kitchen facilities are available.		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00166 NAVAL AIR FACILITY ANDREWS AIR FORCE BASE, MARYLAND		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 026A
<p>(...continued)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Enlisted personnel will continue to live in unsafe, deteriorating conditions that do not meet life/safety or building codes. Inadequate living conditions will continue to adversely affect the morale of all the BEQ residents, significantly reducing the operational ability of personnel to support the Command's mission.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 288</p> <p>(B) All Other Design Costs..... 96</p> <p>(C) Total..... 384</p> <p>(D) Contract..... 96</p> <p>(E) In-House..... 288</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00166 NAVAL AIR FACILITY ANDREWS AIR FORCE BASE, MARYLAND		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 026A
<p>(...continued)</p> <p>other appropriations: NONE.</p> <p>Activity POC: LT MARK STEIN Phone No: 240-857-3867</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N65971 NAVAL CONSTRUCTION TRAINING CTR GULFPORT MISSISSIPPI				4. Command COMMANDER IN CHIEF ATLANTIC FLEET		5. Area Constr Cost Index 0.92				
6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	a. As Of 1/14/02	178	3,170	1,295	0	414	0	27	191	0
b. End FY 2008	212	3,137	1,776	0	0	551	167	412	0	6,255
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (3,345.00)										
b. INVENTORY TOTAL AS OF 11 Jan 2002..... 186,286.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 33,100.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 5,460.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 21,169.00										
g. REMAINING DEFICIENCY..... 24,435.00										
h. GRAND TOTAL..... 270,450.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>				<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>			
171.20	COMMUNICATIONS/INST FAC (21,097 SF)				1,960 m2	5,460	01/02 03/03			
TOTAL						5,460				
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
171.20	STLWRKRS APPLIED INST FAC (56,607 SF)				5,259 m2	9,040				
171.20	BUILDERS APPLIED INST FAC (25,995 SF)				2,415 m2	7,624				
171.20	DISASTER RECOVERY TRNG CTR (12,002 SF)				1,115 m2	4,505				
TOTAL						21,169				
c. Real Property Maintenance Backlog (\$000): \$ 34,401										
10. Mission Or Major Functions:										
Train Seabee personnel to prepare for early usefulness in their designated specialties; supplement on-the-job training with advanced and specialized training when such training is more advantageously given in a formal school.										

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N65971 NAVAL CONSTRUCTION TRAINING CTR GULFPORT MISSISSIPPI		4. Command COMMANDER IN CHIEF ATLANTIC FLEET	5. Area Constr Cost Index 0.92
<p>(...continued)</p> <p>Note: Blocks 6a and 6b reflect the Personnel Strength Numbers of the Host Activity UIC N62604 NCBC Gulfport, MS</p> <p>Note Blocks 7a and 7b reflect the Total Acreage and Inventory Total for the Host Activity UIC N62604 NCBC Gulfport, MS</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N65971 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI			4. Project Title COMMUNICATIONS/INSTRUCTION FACILITY	
5. Program Element 0804731N	6. Category Code 171.20	7. Project Number 777	8. Project Cost 5,460	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
COMMUNICATIONS/INSTRUCTION FACILITY (21,097 SF)	m2	1,960	-	3,460
APPLIED INSTRUCTION BUILDING (8,062 SF)	m2	749	1,504	(1,130)
ACADEMIC INSTRUCTION BUILDING (5,393 SF)	m2	501	1,592	(800)
COMM EQUIPMENT MAINTENANCE SHOP (4,402 SF)	m2	409	1,769	(720)
ELEC-SPARES AND STORAGE (3,240 SF)	m2	301	1,540	(460)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(290)
SUPPORTING FACILITIES (12,368 SF)	m2	1,149	-	1,270
ELECTRICAL UTILITIES	LS	-	-	(140)
MECHANICAL UTILITIES	LS	-	-	(180)
PAVING AND SITE IMPROVEMENT	LS	-	-	(280)
DEMOLITION (12,368 SF)	m2	1,149	115	(130)
INFO TECH RELOCATION	LS	-	-	(540)

SUBTOTAL	-	-	-	4,730
Contingency (5.0%)	-	-	-	240

TOTAL CONTRACT COST	-	-	-	4,970
Supervision Inspection & Overhead (6.0%)	-	-	-	300

SUBTOTAL	-	-	-	5,270
DESIGN/BUILD DESIGN COST	LS	-	-	190

TOTAL REQUEST	-	-	-	5,460
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Single-story, steel and masonry building on concrete slab, standing seam metal roof on steel trusses; classroom space, wire and radio labs, and training support spaces; maintenance facility consisting of a single vehicle bay and radio maintenance shop; rypographic Material System (CMS) storage, vault, office space and supply storage; communications equipment storage area for Table of Allowance (TOA) assigned to two homeported Naval Mobile Construction Battalions and to the TWENTIETH Naval Construction Regiment (20TH NCR). This project will include anti-terrorism/force protection/physical security features. Building 23,</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N65971 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI		
4. Project Title COMMUNICATIONS/INSTRUCTION FACILITY		7. Project Number 777
<p>(...continued)</p> <p>(1,149 square meters) will be demolished, and Warehouse 21 will be returned to CBC Gulfport to meet storage requirements.</p>		
<p>11. Requirement: <u>1,960 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs a new Communications/Instruction Facility with associated classroom and instructor spaces, and tactical communications equipment maintenance and storage capabilities. (Current mission)</p> <p>REQUIREMENT:</p> <p>Current requirement is an adequate facility to accommodate the academic instruction requirements of the 20TH Naval Construction Regiment (NCR) and additional space to provide the personnel training, equipment storage and maintenance requirements of the 20TH NCR's Communications/Information Technology Department (R72). The 20TH NCR requires academic instruction space for a broad spectrum of training for active and reserve Naval Mobile Construction Battalions (NMCB's). This training is conducted by the 20TH NCR's Military Training Department, Contingency Construction Crew Training Department, and the Technical Training Department. Additionally, R72 is responsible for all communications equipment training, maintenance and storage, Cryptographic Material System (CMS) security, and equipment maintenance and storage support for four active and six reserve NMCB's, and the 20TH NCR. They provide all communications training and equipment maintenance, and are always in possession of at least three complete deployable sets of communications equipment: two homeported NMCB's and the 20TH NCR. Each set requires segregated and secure storage from the others for rapid response readiness. Equipment maintenance and maintenance training require a seven station radio shop with adequate clearance around each station for group instruction. R72 provides vehicle mounted radio equipment for 40 vehicles (Humvees, Blazers) for six battalion field exercises per year. A single vehicle bay is required for radio installation and removal. Applied instruction space is required for hands-on telephone and radio operator training in simulated tactical mock-ups. In addition, Information Technology is responsible for testing, configuring, and maintaining the Tactical Local Area Network (TACLAN) that the battalions use in contingency and exercise situations. R72 requires a maintenance and storage area to test, clean, and configure systems in the TACLAN, along with office space for the five additional people.</p> <p>CURRENT SITUATION:</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N65971 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI		
4. Project Title COMMUNICATIONS/INSTRUCTION FACILITY		7. Project Number 777
<p>(...continued)</p> <p>Cryptographic Material System storage is located in a facility across the base because there is no approved vault within the current structure. This forces repeated transportation of security sensitive information from building to building. Inadequate space for academic instruction has resulted in the overloading of existing spaces. R72 currently moves from location to location to provide applied communications equipment operator training. Building 23, a former two-story, open-bay barracks built in 1942, which was used as the academic instruction space for communication training, has recently been condemned. This facility is scheduled for demolition with this project. This has caused undue hardship on both the instructors and the students. The mock radio stations cannot be set up due to the continuous relocation of the training. There is no place to set up large equipment and Humvee mock-ups, resulting in their exclusion from instruction. Some of the classes are being taught in the open warehouse space in Building 21. The poor acoustics of this open area, coupled with the uncontrolled environment, make effective training impossible. Warehouse 21 is currently used for maintenance and storage requirements for R72. The maintenance area is inadequate in size, layout and environment. There is no vehicle bay, forcing vehicle maintenance to be performed outside. This work cannot be performed in times of bad weather, creating a maintenance back-log. Office spaces are make-shift and are not centrally located, lending to inefficiency. The existing head facilities are severely inadequate. There is a single head facility with one toilet that must be shared by all of the personnel in the facility. CMS is stored in a third facility across the base because there is no approved vault within the current structure. This forces repeated transportation of security sensitive information from building to building. R72 also stores and maintains the sets of communications equipment assigned to two homeported NMCB's and the 20TH NCR, each requiring 660 square feet of secure, individual storage space. Currently, this equipment is stored in Warehouse 21 and is separated by open-topped partition walls and chicken wire on wood framing. This does not provide security or the required segregation for the equipment. The lack of environmental control in the open warehouse also accelerates degradation of the communications equipment. The Information Technology division is currently residing in two areas. The office space for two personnel and two computer labs are located in Building 21 and a maintenance/storage area is located in Warehouse 61, a World War II facility. There is no space that is large enough to accommodate the entire division.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Academic instruction will continue to be flawed with the use of less than</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N65971 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI		
4. Project Title COMMUNICATIONS/INSTRUCTION FACILITY		7. Project Number 777
<p>(...continued)</p> <p>optimal facilities and training aides. The mission of the 20TH NCR's Communications Department is to support current and future naval doctrine, which depends on the use of state-of-the-art tactical communications equipment and procedures, requiring trained personnel to ensure proper operation and maintenance. The current situation is an impediment to the effective pursuit of this mission. Important communications mock-ups and large training aids will continue to be excluded from the training curriculum. Poor classroom acoustics and degraded equipment resulting from inadequate storage and maintenance will erode the quality of training. Consequently, the ability of the Communications Department to meet its mission is impaired. Current facilities present an unacceptable quality of life workplace and learning environment. The condition of these facilities accelerates the degradation of both equipment and personnel skill levels.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 01/02</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 156</p> <p>(B) All Other Design Costs..... 52</p> <p>(C) Total..... 208</p> <p>(D) Contract..... 52</p> <p>(E) In-House..... 156</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N65971 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI		
4. Project Title COMMUNICATIONS/INSTRUCTION FACILITY		7. Project Number 777
<p>(...continued)</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: SALLY WILSON Phone No: 228-871-2484</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N68890 NAVAL STATION, PASCAGOULA, MISSISSIPPI				4. Command COMMANDER IN CHIEF, ATLANTIC FLEET			5. Area Constr Cost Index 0.92			
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	195	1,882	389	0	0	0	12	171	0	2,649
	192	1,917	348	0	0	0	12	171	0	2,640
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (334.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 102,833.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 67,800.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 4,160.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 44,885.00										
g. REMAINING DEFICIENCY..... 81,373.00										
h. GRAND TOTAL..... 301,051.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>		
165.10	CONSTRUCT NEW NAVY CHANNEL					0 LS	4,160	10/01	08/02	

TOTAL							4,160			
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
721.11	BEQ SHIPBD SAILORS ASHORE					350 PN	44,885			

TOTAL							44,885			
c. Real Property Maintenance Backlog (\$000): \$ 3,300										
10. Mission Or Major Functions:										
To provide responsive, quality support to the Fleet and our Navy community through superior service and facilities.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N68890 NAVAL STATION PASCAGOULA, MISSISSIPPI			4. Project Title CONSTRUCT NEW NAVY CHANNEL	
5. Program Element 0204696N	6. Category Code 165.10	7. Project Number 117	8. Project Cost 4,160	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
CONSTRUCT NEW NAVY CHANNEL	LS	-	-	3,730
		-	-	-

SUBTOTAL	-	-	-	3,730
Contingency (5.0%)	-	-	-	190

TOTAL CONTRACT COST	-	-	-	3,920
Supervision Inspection & Overhead (6.0%)	-	-	-	240

TOTAL REQUEST	-	-	-	4,160
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project will construct (dredge) a new 106.68 meter (350 foot) wide, 11.58 meter (38 foot) deep channel from the Pascagoula federal channel to the turning basin at Naval Station Pascagoula. Dredge material will be removed using a 10 cubic yard clamshell dredge and associated plant. Dredge material will be placed in hopper barges and deposited in an approved ocean disposal area.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
PROJECT:				
<p>This project will construct a new Navy ship channel linking the existing Navy turning basin and pier to the Pascagoula federal channel. (Current mission)</p>				
REQUIREMENT:				
<p>An adequate and properly sized ship channel is required by the ships homeported at Naval Station Pascagoula so that ships can enter and exit the Station without risk of grounding. Naval Station Pascagoula is homeport to three cruisers and two frigates and was originally designed to have an independent channel for safe transit from/to the Pascagoula federal channel. However, the planned channel was not constructed in the initial build-out of the Station, hence the need for the new channel.</p>				
CURRENT SITUATION:				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N68890 NAVAL STATION PASCAGOULA, MISSISSIPPI		
4. Project Title CONSTRUCT NEW NAVY CHANNEL		7. Project Number 117
<p>(...continued)</p> <p>Without an independent channel for safe transit to/from the federal channel, Navy ships are required to use Ingalls Shipbuilding ship operation area for this transit. When ships are inbound, they must go off the existing range markers prior to making the turn east, bringing them in close proximity to the Ingalls wharf and moored vessels. These conditions create a situation in which Navy ships must make radical (90 degree) turns in restrictive waters, resulting in navigational hazards that are unacceptable. Exacerbating the problem has been an increase in shoaling along the east side of the federal channel which has reduced the width of the usable channel by approximately 30.48 meters (100 feet). A recent minor grounding of a Navy vessel punctuates the critical need for the new, safe channel.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Navy ships will continue to navigate under known hazardous conditions to and from Naval Station Pascagoula.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 10/01</p> <p>(B) Date Design 35% Complete..... 02/02</p> <p>(C) Date Design Complete..... 08/02</p> <p>(D) Percent Complete As Of September 2001..... 100%</p> <p>(E) Percent Complete As Of January 2002..... 100%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 238</p> <p>(B) All Other Design Costs..... 79</p> <p>(C) Total..... 317</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N68890 NAVAL STATION PASCAGOULA, MISSISSIPPI		
4. Project Title CONSTRUCT NEW NAVY CHANNEL		7. Project Number 117
<p>(...continued)</p> <p>(D) Contract..... 198</p> <p>(E) In-House..... 119</p> <p>(4) Contract Award..... 12/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 01/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: MATT SCHULTZ Phone No: DSN 358-2063</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02				
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE NORTH CAROLINA				4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 0.94				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	125	1,097	1,603	333	6,891	0	2,005	24,839	3,118	40,011
	130	982	1,623	235	6,376	0	2,428	28,535	3,142	43,451
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (127,507.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 108,812.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 81,850.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 5,370.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 14,656.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 343,826.00										
g. REMAINING DEFICIENCY..... 400,856.00										
h. GRAND TOTAL..... 955,370.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>				<u>Scope</u>	<u>Cost</u> <u>(\$000)</u>	<u>Design Status</u> <u>Start</u> <u>Complete</u>			
740.43	FITNESS CENTER ADDITION (21,022 SF)				1,953 m2	5,370	12/00	08/02		

TOTAL						5,370				
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
214.51	COMBAT VEH MAINT SHOP				30,956 SF	6,336				
214.53	ENGINEERING EQUIP SHOP				56,140 SF	8,320				

TOTAL						14,656				
b. Major Planned Next Three Years:										
143.45	ARMORY ADDN, CAMP GEIGER				0 LS	3,073				
179.50	FIELD TRAINING FACILITIES (18,837 SF)				1,750 m2	3,713				
721.11	BACHELOR ENLISTED QUARTERS				0 LS	18,119				
722.10	ENLISTED DINING FACILITY				0 LS	10,972				
721.11	BEQ				0 LS	21,675				
721.11	BACHELOR ENLISTED QUARTERS				0 PN	178,221				
143.45	SMALL ARMS/AMMO ARMORY				0 LS	5,984				
721.11	BACHELOR ENLISTED QUARTERS				0 PN	79,506				
441.12	ORGANIZATION EQUIP STRG (33,960 SF)				3,155 m2	6,424				
(Continued On DD 1390C)										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02																
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE NORTH CAROLINA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 0.94																
(...continued) <table> <tr> <td>441.12</td> <td>WAREHOUSE (14,639 SF)</td> <td>1,360 m2</td> <td>3,178</td> </tr> <tr> <td>722.10</td> <td>MESSHALL (HADNOT)</td> <td>47,000 SF</td> <td>12,961</td> </tr> <tr> <td colspan="3"></td> <td>-----</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>343,826</td> </tr> </table>				441.12	WAREHOUSE (14,639 SF)	1,360 m2	3,178	722.10	MESSHALL (HADNOT)	47,000 SF	12,961				-----	TOTAL			343,826
441.12	WAREHOUSE (14,639 SF)	1,360 m2	3,178																
722.10	MESSHALL (HADNOT)	47,000 SF	12,961																

TOTAL			343,826																
c. Real Property Maintenance Backlog (\$000): \$ 105,880																			
10. Mission Or Major Functions: Provide housing, training facilities, logistics support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools for other training as directed.																			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0																			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title FITNESS CENTER ADDITION	
5. Program Element 0206496M	6. Category Code 740.44	7. Project Number 007	8. Project Cost 5,370	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
FITNESS CENTER ADDITION (21,022 SF)	m2	1,953	-	3,210
FITNESS CENTER ADDITION (21,022 SF)	m2	1,953	1,601	(3,130)
BUILT IN EQUIPMENT	LS	-	-	(10)
INFORMATION SYSTEMS	LS	-	-	(40)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	1,620
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(220)
ELECTRICAL UTILITIES	LS	-	-	(70)
MECHANICAL UTILITIES	LS	-	-	(90)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(870)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(120)
DEMOLITION	LS	-	-	(250)

SUBTOTAL	-	-	-	4,830
Contingency (5.0%)	-	-	-	240

TOTAL CONTRACT COST	-	-	-	5,070
Supervision Inspection & Overhead (6.0%)	-	-	-	300

TOTAL REQUEST	-	-	-	5,370
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct single story reinforced concrete masonry Fitness Center addition to existing Gymnasium Building, with reinforced concrete slab on pile foundation, masonry walls and standing seam metal roof on steel trusses. The addition shall include one large open space for a large aerobic/exercise area, a cardiovascular training area, and a weight training and body development area. Additionally, space shall be provided for an equipment storage/gear issue area, an administration area including two private offices, a fitness assessment room, laundry facilities to accommodate two washers and two dryers, vending area, separate locker rooms with showers, toilets and sauna for both men and women. Provide one additional racquetball court and pull-out spectator seating in original gymnasium area. Electrical systems include fire alarms, exterior site and building lighting, and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title FITNESS CENTER ADDITION		7. Project Number 007
<p>(...continued)</p> <p>conditioning. Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, Local Area Network, and Cable Television). Special Construction Features include pile foundations. Paving and site improvements include improvements to access roads complete with pavement striping, directional signage, concrete sidewalks, curbs and gutters, paved and lighted parking, earthwork, grading and landscaping. Also includes technical operating manuals; Anti-Terrorism/Force Protection features, and demolition of existing inadequate building space (including necessary asbestos and lead removal) and associated asphalt and concrete sidewalks. Storm water management facilities are to be included; project site is within one-half mile of Type SA shell fishing waters.</p>		
<p>11. Requirement: <u>1,953 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Construct an Indoor Fitness Center Addition to Gymnasium for permanent party and student Marines assigned to or residing in the Courthouse Bay area of MCB, Camp Lejeune. (Current mission)</p> <p>REQUIREMENT:</p> <p>Provide adequate and properly configured facilities to provide required physical training and fitness developement for Marines in the Courthouse Bay area of MCB, Camp Lejeune.</p> <p>CURRENT SITUATION:</p> <p>Current facilities do not provide the required fitness center space. Scheduled, organized activities are curtailed due to the lack of available gym time. Free time usage is extremely limited in order to derive maximum effective usage. Organized intramural sports such as team sport Basketball and Volleyball monopolize limited space for up to seven months, while other sports such as boxing, wrestling and other varsity-level activities cannot be accommodated. Personnel wanting to exercise at their convenience in many cases do not have access to a facility. The new addition would be used on a seven-day-a-week basis for an average of 14 hours a day.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Marines will be forced to travel to other fitness centers located on Camp</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title FITNESS CENTER ADDITION		7. Project Number 007
<p>(...continued)</p> <p>Lejeune. These fitness centers were not designed to carry the additional load of Marines from the Courthouse Bay Area. The lack of adequate facilities will continue to be counterproductive to the overall combat readiness of the Marines and seriously impact their quality of life.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 08/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 287</p> <p>(B) All Other Design Costs..... 96</p> <p>(C) Total..... 383</p> <p>(D) Contract..... 96</p> <p>(E) In-House..... 287</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 04/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR STEVEN SCANLAN Phone No: (910)-451-2326</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title FITNESS CENTER ADDITION		7. Project Number 007
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02																							
3. Installation and Location/UIC: M00146 MARINE CORPS AIR STATION CHERRY POINT NORTH CAROLINA						4. Command Commandant of the Marine Corps			5. Area Constr Cost Index 0.94																					
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	97	546	1,046	30	372	0	760	6,845	5,838	15,534																				
	87	545	1,124	95	484	0	850	6,781	6,053	16,019																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (29,117.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 572,593.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 14,520.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 6,040.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 7,950.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 1,167.00 g. REMAINING DEFICIENCY..... 842,542.00 h. GRAND TOTAL..... 1,444,812.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Project Title</th> <th style="text-align: left;">Scope</th> <th style="text-align: right;">Cost (\$000)</th> <th style="text-align: left;">Design Status</th> </tr> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>(\$000)</u></th> <th style="text-align: left;"><u>Start</u> <u>Complete</u></th> </tr> <tr> <td>211.81</td> <td>T-56 TEST CELL (7,901 SF)</td> <td>734 m2</td> <td style="text-align: right;">6,040</td> <td>12/00 11/02</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">6,040</td> <td></td> </tr> </table>											Category	Project Title	Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>	211.81	T-56 TEST CELL (7,901 SF)	734 m2	6,040	12/00 11/02	TOTAL			6,040	
Category	Project Title	Scope	Cost (\$000)	Design Status																										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>																										
211.81	T-56 TEST CELL (7,901 SF)	734 m2	6,040	12/00 11/02																										
TOTAL			6,040																											
9. Future Projects:																														
a. Included In The Following Program (FY 2004):																														
421.22	HIGH EXPLOSIVE MAG	15,000 SF	7,950																											
TOTAL			7,950																											
b. Major Planned Next Three Years:																														
740.50	FITNESS CENTER	62,000 SF	1,167																											
TOTAL			1,167																											
c. Real Property Maintenance Backlog (\$000): \$ 31,400																														
10. Mission Or Major Functions:																														
Maintain and operate facilities and provide services and materials to support the operations of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations.																														
11. Outstanding Pollution And Safety Deficiencies (\$000):																														
a. Pollution Abatement (*): \$ 0																														
b. Occupational Safety And Health (OSH) (#): \$ 0																														

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: M00146 MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA			4. Project Title T-56 TEST CELL	
5. Program Element 0206496M	6. Category Code 211.81	7. Project Number 114	8. Project Cost 6,040	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
T-56 TEST CELL (7,901 SF)	m2	734	-	3,380
ENGINE TEST CELL (3,660 SF)	m2	340	1,972	(670)
CONTROL ROOM BUILDING (2,842 SF)	m2	264	1,732	(460)
FIRE PROTECTION SYSTEM	LS	-	-	(140)
BUILT-IN EQUIPMENT	LS	-	-	(1,970)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
EXTERIOR CANOPY (1,399 SF)	m2	130	275	(40)
SUPPORTING FACILITIES	LS	-	-	2,050
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(560)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(580)
ELECTRICAL UTILITIES	LS	-	-	(110)
MECHANICAL UTILITIES	LS	-	-	(570)
DEMOLITION	LS	-	-	(90)
DISPOSAL OF CONTAMINATED SOIL	LS	-	-	(100)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(40)

SUBTOTAL	-	-	-	5,430
Contingency (5.0%)	-	-	-	270

TOTAL CONTRACT COST	-	-	-	5,700
Supervision Inspection & Overhead (6.0%)	-	-	-	340

TOTAL REQUEST	-	-	-	6,040
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a T-56 Engine Test Cell using steel reinforced masonry walls with reinforced concrete slab on a pile-supported foundation and single ply elastomeric roof covering over an insulated metal roof deck. The facility consists of the engine test enclosure and a central control room with sound suppression. The engine test support items include; engine thrust stand, engine air start, fuel supply system, closed circuit television, test instrumentation, and control/communication system. Fire protection includes: fire detection system; wet sprinkler; and the special engine water spray extinguishing system. Air conditioning is provided for the control room; all remaining spaces are properly ventilated. Support Facilities include: electric power; telephone; water; sanitary sewer;</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC:M00146 MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA			
4. Project Title T-56 TEST CELL			7. Project Number 114
<p>(...continued)</p> <p>industrial waste water collection system. Special Construction Features includes sound reduction doors and test, evaluation and operational certification of the cell.</p>			
<p>11. Requirement: <u>734 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Provides one out-of-airframe T-56 engine test cell with sound suppression and all associated support structures and utilities. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities to support post-maintenance, out-of-airframe testing of aviation gas turbine engines used by propeller aircraft (KC-130) home based and serviced at MCAS Cherry Point. An acoustically attenuated enclosure with an exhaust system is required to abate noise and allow year round testing.</p> <p>CURRENT SITUATION:</p> <p>Weather, travel time, and the outdoor T-17 test system, all limit testing to daylight duty hours, and favorable weather and wind conditions. High wind (10 knots +) or weather cold enough to cause icing severely limits MCAS Cherry Point's ability to perform outdoor testing. Approximately 60-days per year are lost because of inclement weather, which results in 20-25 fewer engines being tested. Air Station orders also limit night testing from 2200 to 0700 hours, due to noise complaints. Foreign Object Damage (FOD) is also a concern due to the spalling and breakup of the surrounding concrete apron. T-56 engines are maintained for each specific airframe and spare engines are usually not available. Over 104 engines are tested each year.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Because of insufficient favorable daytime conditions to test repaired engines, the number of safe operational aircraft will continue to be reduced and mission readiness will continue to suffer. The squadron loses approximately 52 days per year due to downtime associated with engine repairs.</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00146 MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA		
4. Project Title T-56 TEST CELL		7. Project Number 114
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 11/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 323</p> <p>(B) All Other Design Costs..... 107</p> <p>(C) Total..... 430</p> <p>(D) Contract..... 269</p> <p>(E) In-House..... 161</p> <p>(4) Contract Award..... 02/03</p> <p>(5) Construction Start..... 04/03</p> <p>(6) Construction Completion..... 02/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR RICHARD CROMPTON Phone No: (252)-466-2746</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00146 MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA		
4. Project Title T-56 TEST CELL		7. Project Number 114
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02																								
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA				4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 0.94																								
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	35	240	133	104	205	0	536	3,973	230	5,456																				
	33	230	151	116	466	0	570	4,396	234	6,196																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (127,507.00)																														
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 108,812.00																														
c. AUTHORIZATION NOT YET IN INVENTORY..... 10,040.00																														
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 6,920.00																														
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 5,604.00																														
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 28,737.00																														
g. REMAINING DEFICIENCY..... 40,528.00																														
h. GRAND TOTAL..... 200,641.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Project Title</th> <th style="text-align: left;">Scope</th> <th style="text-align: right;">Cost (\$000)</th> <th style="text-align: left;">Design Status</th> </tr> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>(\$000)</u></th> <th style="text-align: left;"><u>Start</u> <u>Complete</u></th> </tr> <tr> <td>441.12</td> <td>PROPERTY CONTROL FACILITY (59,998 SF)</td> <td>5,574 m2</td> <td style="text-align: right;">6,920</td> <td>12/00 08/02</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">6,920</td> <td></td> </tr> </table>											Category	Project Title	Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>	441.12	PROPERTY CONTROL FACILITY (59,998 SF)	5,574 m2	6,920	12/00 08/02	TOTAL			6,920	
Category	Project Title	Scope	Cost (\$000)	Design Status																										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>																										
441.12	PROPERTY CONTROL FACILITY (59,998 SF)	5,574 m2	6,920	12/00 08/02																										
TOTAL			6,920																											
9. Future Projects:																														
a. Included In The Following Program (FY 2004):																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td>610.10</td> <td>CONSTRUCT FREST FACILITY</td> <td>0 SF</td> <td style="text-align: right;">5,604</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">5,604</td> <td></td> </tr> </table>											610.10	CONSTRUCT FREST FACILITY	0 SF	5,604		TOTAL			5,604											
610.10	CONSTRUCT FREST FACILITY	0 SF	5,604																											
TOTAL			5,604																											
b. Major Planned Next Three Years:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td>722.10</td> <td>ENLISTED DINING FAC</td> <td>0 LS</td> <td style="text-align: right;">3,190</td> <td></td> </tr> <tr> <td>721.11</td> <td>BEQ</td> <td>0 LS</td> <td style="text-align: right;">16,981</td> <td></td> </tr> <tr> <td>841.10</td> <td>WATER TREATMENT PLANT REPL</td> <td>0 KG</td> <td style="text-align: right;">8,566</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">28,737</td> <td></td> </tr> </table>											722.10	ENLISTED DINING FAC	0 LS	3,190		721.11	BEQ	0 LS	16,981		841.10	WATER TREATMENT PLANT REPL	0 KG	8,566		TOTAL			28,737	
722.10	ENLISTED DINING FAC	0 LS	3,190																											
721.11	BEQ	0 LS	16,981																											
841.10	WATER TREATMENT PLANT REPL	0 KG	8,566																											
TOTAL			28,737																											
c. Real Property Maintenance Backlog (\$000): \$ 7,004																														
10. Mission Or Major Functions:																														
<p>Note: Block 7a and 7b Total Acreage and Total Inventory numbers are the Host Activity M67001 MCB Camp Lejeune</p> <p>Provides facilities, services, and material necessary to support major</p>																														
(Continued On DD 1390C)																														

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 0.94
<p>(...continued)</p> <p>rotary wing elements of a Marine Aircraft Wing, including aircraft maintenance and air traffic control, operation and maintenance of outlying fields and confined area landing sites necessary for the operational training of helicopter air crews.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA			4. Project Title PROPERTY CONTROL FACILITY	
5. Program Element 0206496M	6. Category Code 441.12	7. Project Number 515	8. Project Cost 6,920	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PROPERTY CONTROL FACILITY (59,998 SF)	m2	5,574	-	3,930
AIR UNIT ORGANIC WAREHOUSE STORAGE (59,998 SF)	m2	5,574	623	(3,470)
BUILT-IN EQUIPMENT	LS	-	-	(300)
INFORMATION SYSTEMS	LS	-	-	(120)
TECHNICAL OPERATING MANUALS	LS	-	-	(40)
SUPPORTING FACILITIES	LS	-	-	2,290
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(650)
ELECTRICAL UTILITIES	LS	-	-	(210)
MECHANICAL UTILITIES	LS	-	-	(190)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,170)
DEMOLITION	LS	-	-	(20)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(50)

SUBTOTAL	-	-	-	6,220
Contingency (5.0%)	-	-	-	310

TOTAL CONTRACT COST	-	-	-	6,530
Supervision Inspection & Overhead (6.0%)	-	-	-	390

TOTAL REQUEST	-	-	-	6,920
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a single story building with reinforced concrete slab and floors on pile foundation, brick exterior walls with concrete masonry unit back up, steel frame structural system with sloping standing seam metal roof and storage area divided with fenced partitions. Electrical systems include: fire alarms; public address system; information systems. Mechanical systems include: plumbing; fire protection; heating, ventilation and air conditioning. Built-in equipment includes: fire pump; loading dock levelers. Supporting facilities include site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, and Local Area Network (LAN)). Special Construction Features includes pile foundations. Paving and site improvements include: parking for employee and government vehicles (designed to accommodate heavily loaded vehicles); sidewalks, roadways,</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA		
4. Project Title PROPERTY CONTROL FACILITY		7. Project Number 515
<p>(...continued)</p> <p>earthwork; grading; landscaping. Also includes technical operating manuals, Anti-Terrorism/Force Protection features, and site demolition.</p>		
<p>11. Requirement: <u>5,574 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Construct a storage facility for assigned Fleet Marine Force (FMF) helicopter squadrons with storage space for Marine Air Group (MAG) 29 property. Warehouse space will provide security areas for highly pilferable items, weapons storage and operational spaces. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities to store items in support of FMF operations for six helicopter squadrons and MAG 29.</p> <p>CURRENT SITUATION:</p> <p>MAG 29 currently stores its equipment on aircraft hangar decks, in 1940's vintage metal and wood buildings slated for demolition at Camp Geiger on Camp Lejeune, and on open asphalt paving at the Air Station. These locations generally have no environmental controls and equipment deteriorates rapidly in the hot, humid coastal environment of MCAS New River. Travel time between Camp Geiger and MCAS New River is approximately 40 minutes per round trip. All of the storage areas share forklift equipment as a cost savings measure. Because the current facilities are scattered, the forklift equipment must be transported back and forth between the storage areas. Operational tasks are often delayed while Marines await transportation of appropriate equipment to the storage area to accomplish their mission.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Squadron operations will continue to be adversely impacted. Travel distances and travel times will continue to hamper the ability of squadrons to meet operational schedules. The continued lack of adequate environmental control will continue to cause unnecessary additional expenditures to resupply prematurely deteriorated equipment. Aircraft maintenance will continue to be hampered by hangar decks cluttered with stored equipment.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA		
4. Project Title PROPERTY CONTROL FACILITY		7. Project Number 515
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 10/01</p> <p>(C) Date Design Complete..... 08/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 370</p> <p>(B) All Other Design Costs..... 123</p> <p>(C) Total..... 493</p> <p>(D) Contract..... 123</p> <p>(E) In-House..... 370</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 05/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR RICHARD CROMPTON Phone No: (252)-466-2746</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA		
4. Project Title PROPERTY CONTROL FACILITY		7. Project Number 515
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.04
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA			4. Project Title AIRCRAFT ACOUSTICAL ENCLOSURE	
5. Program Element 0206496M	6. Category Code 211.01	7. Project Number 344	8. Project Cost 13,700	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
AIRCRAFT ACOUSTICAL ENCLOSURE (11,905 SF)	m2	1,106	-	11,110
AIRCRAFT ACOUSTICAL ENCLOSURE (11,905 SF)	m2	1,106	9,939	(10,990)
TELECOMMUNICATIONS	LS	-	-	(20)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	780
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(270)
ELECTRICAL UTILITIES	LS	-	-	(110)
MECHANICAL UTILITIES	LS	-	-	(130)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(270)

SUBTOTAL	-	-	-	11,890
Contingency (5.0%)	-	-	-	590

TOTAL CONTRACT COST	-	-	-	12,480
Supervision Inspection & Overhead (6.0%)	-	-	-	750

SUBTOTAL	-	-	-	13,230
DESIGN/BUILD - DESIGN COST	LS	-	-	470

TOTAL REQUEST	-	-	-	13,700
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a standard Navy Aircraft Acoustical Enclosure, consisting of a prefabricated modular constructed run room on concrete slab containing embedments for aircraft restraint fittings. Provide an acoustically treated rolling door for aircraft access with air flow inlets to ensure smooth laminar flow within the enclosure directly into the aircraft engine inlets. Construct a structurally isolated, contiguous masonry ancillary building to house the observation room, mechanical equipment room, restroom and storage. Built-in equipment will include: an air start system; fire protection system, which consists of an overhead and under wing Aqueous Film Forming Foam (AFFF) system with water sprinkler system for the remainder of the facility; a nose wheel elevator to allow all fighter/attack jet aircraft to be aligned with the augmentor, 28 Volt DC and 400 Hz aircraft electrical power systems, TV monitoring system, facility instrumentation and control console, and availability of engine</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA		
4. Project Title AIRCRAFT ACOUSTICAL ENCLOSURE		7. Project Number 344
<p>(...continued)</p> <p>out-of-frame testing within the enclosure. Special Construction Features include test, evaluation and operational certification of the enclosure.</p>		
<p>11. Requirement: <u>1,106 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs a standard Navy Aircraft Acoustical Enclosure for indoor, in-frame, jet engine power checks. (Current mission)</p> <p>REQUIREMENT:</p> <p>An aircraft acoustical enclosure (hush house) is required to provide adequate noise suppression for high power in-frame jet engine power checks. Indoor power checks of in-frame jet engines are required to comply with safety and noise reduction issues with the surrounding community. Engine in-frame high power testing is required on four occasions: 1) conducting periodic checks to insure that the engine is performing within required guidelines, 2) confirming a suspected engine discrepancy, 3) ensuring that any maintenance action has corrected a suspected engine discrepancy, and 4) rigging/trimming the engine in the airframe and base lining its performance. High power run-ups produce more noise of longer duration than normal flight operations (approximately 130 - 135 db for approximately 5 to 20 minutes; normal aircraft departure/landing operations are typically 95 - 110 db for approximately 20 seconds). The new acoustical enclosure will be the only facility at MCAS Beaufort for conducting high power run-ups and will significantly reduce the day and night noise impact of high power run-ups. The enclosure will also allow for 24 hour, all-weather trouble-shooting of the aircraft engine and systems. Out of frame engine testing can also be performed in the acoustical enclosure, satisfying intermediate maintenance requirements.</p> <p>CURRENT SITUATION:</p> <p>A total of 108 F/A-18 aircraft are based at MCAS Beaufort. The Air Station also supports visitor, carrier aircraft and 48 reserve F/A-18 aircraft. MCAS Beaufort has no acoustical enclosure to perform in-frame jet engine high power turn-ups, checks and maintenance testing. These tasks are performed outdoors on high power check pads located across the runway from the flight line and adjacent to U.S. Highway 21. During high power run-up more than 98 db is being projected through and across the highway, a level similar to that experienced in a boiler shop where ear</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02																														
3. Installation and Location/UIC:M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA																																
4. Project Title AIRCRAFT ACOUSTICAL ENCLOSURE		7. Project Number 344																														
<p>(...continued)</p> <p>protection is a necessity, or at a loud rock music concert. Community complaints regarding the excessive noise have increased. The projected noise contour for the F/A-18 aircraft during high power run-up at afterburner power inside the standard Navy acoustical enclosure shows that the maximum projected noise that would be experienced across U.S. Highway 21 during high power run-ups is less than 70 db, or more than 10 db below typical street noise.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Political pressure presently limits run-up operations to the daylight hours and pressure for further limitations is already being applied. Airframe system and engine maintenance, and consequent readiness, will continue to be limited by weather and community complaints.</p>																																
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <table> <tr><td>(A) Date Design Started.....</td><td>12/99</td></tr> <tr><td>(B) Date Design 35% Complete.....</td><td>09/02</td></tr> <tr><td>(C) Date Design Complete.....</td><td>03/03</td></tr> <tr><td>(D) Percent Complete As Of September 2001.....</td><td>2%</td></tr> <tr><td>(E) Percent Complete As Of January 2002.....</td><td>2%</td></tr> <tr><td>(F) Type of Design Contract.....</td><td>Design Build</td></tr> <tr><td>(G) Parametric Estimate used to develop cost.....</td><td>Yes</td></tr> <tr><td>(H) Energy study/life-cycle analysis performed.....</td><td>Yes</td></tr> </table> <p>(2) Basis:</p> <table> <tr><td>(A) Standard or Definitive Design:</td><td>No</td></tr> <tr><td>(B) Where Design Was Most Recently Used:</td><td>N/A</td></tr> </table> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <table> <tr><td>(A) Production of Plans and Specifications.....</td><td>353</td></tr> <tr><td>(B) All Other Design Costs.....</td><td>118</td></tr> <tr><td>(C) Total.....</td><td>471</td></tr> <tr><td>(D) Contract.....</td><td>118</td></tr> <tr><td>(E) In-House.....</td><td>353</td></tr> </table>			(A) Date Design Started.....	12/99	(B) Date Design 35% Complete.....	09/02	(C) Date Design Complete.....	03/03	(D) Percent Complete As Of September 2001.....	2%	(E) Percent Complete As Of January 2002.....	2%	(F) Type of Design Contract.....	Design Build	(G) Parametric Estimate used to develop cost.....	Yes	(H) Energy study/life-cycle analysis performed.....	Yes	(A) Standard or Definitive Design:	No	(B) Where Design Was Most Recently Used:	N/A	(A) Production of Plans and Specifications.....	353	(B) All Other Design Costs.....	118	(C) Total.....	471	(D) Contract.....	118	(E) In-House.....	353
(A) Date Design Started.....	12/99																															
(B) Date Design 35% Complete.....	09/02																															
(C) Date Design Complete.....	03/03																															
(D) Percent Complete As Of September 2001.....	2%																															
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(F) Type of Design Contract.....	Design Build																															
(G) Parametric Estimate used to develop cost.....	Yes																															
(H) Energy study/life-cycle analysis performed.....	Yes																															
(A) Standard or Definitive Design:	No																															
(B) Where Design Was Most Recently Used:	N/A																															
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1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA		
4. Project Title AIRCRAFT ACOUSTICAL ENCLOSURE		7. Project Number 344
<p>(...continued)</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR STRATMAN Phone No: 843-228-7131</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA				4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 1.04				
6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	a. As Of 9/30/01	89	681	488	0	7,250	0	214	1,364	339
b. End FY 2008	90	614	503	0	8,173	0	203	1,351	451	11,385
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (8,080.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 141,341.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 13,820.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 10,490.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 33,096.00										
g. REMAINING DEFICIENCY..... 127,690.00										
h. GRAND TOTAL..... 326,437.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>						
				<u>Start</u>	<u>Complete</u>					
171.20	ALL WEATHER TRAINING FAC (45,004 SF)	4,181 m2	7,410	12/00	05/03					
171.10	RECRUIT TRNG FAC ADDN (12,335 SF)	1,146 m2	3,080	12/00	05/03					
TOTAL			10,490							
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
722.10	CONSOLIDATED RECRUIT	0 LS	10,337							
721.15	BEQ	0 LS	6,689							
721.11	BEQ	0 LS	10,882							
131.15	COMM CTR ADDN	0 LS	3,960							
171.50	INDOOR PISTOL RANGE	0 LS	1,228							
TOTAL			33,096							
c. Real Property Maintenance Backlog (\$000): \$ 19,000										
10. Mission Or Major Functions:										
To exercise operational control of enlisted recruiting operations in the 1st, 4th, and 6th Marine Districts through screening, evaluation, verification, and field supervision; to provide guidance and direction on										
(Continued On DD 1390C)										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.04
<p>(...continued)</p> <p>quality control matters for all east coast enlisted accessions in accordance with standards established by CMC; to provide reception processing and recruit training for enlisted personnel upon their initial entry into the Marine Corps; to provide training of recruits; to conduct schools as directed; to provide rifle and pistol marksmanship training for Marines stationed in the southeast and for personnel of other services as requested; and to conduct training for reserve Marines as directed.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:M00263 MARINE CORP RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA			4. Project Title ALL WEATHER TRAINING FACILITY	
5. Program Element 0805796M	6. Category Code 171.20	7. Project Number 340	8. Project Cost 7,410	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
ALL WEATHER TRAINING FACILITY (45,004 SF)	m2	4,181	-	5,900
DRILL HALL (45,004 SF)	m2	4,181	1,371	(5,730)
BUILT-IN EQUIPMENT	LS	-	-	(100)
INFORMATION SYSTEMS	LS	-	-	(50)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	530
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(130)
ELECTRICAL UTILITIES	LS	-	-	(70)
MECHANICAL UTILITIES	LS	-	-	(50)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(230)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(50)

SUBTOTAL	-	-	-	6,430
Contingency (5.0%)	-	-	-	320

TOTAL CONTRACT COST	-	-	-	6,750
Supervision Inspection & Overhead (6.0%)	-	-	-	400

SUBTOTAL	-	-	-	7,150
DESIGN/BUILD - DESIGN COST	LS	-	-	260

TOTAL REQUEST	-	-	-	7,410
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a high bay, steel frame, clear span structure with reinforced concrete slab on pile foundation, concrete masonry exterior walls and standing seam metal roof on steel trusses. The construction materials shall be consistent with the Base Exterior Architectural Plan (BEAP) and sited in accordance with the Depot Master Plan. Special construction features include: pile foundations; lightning protection; large sliding entry/exit doors; provisions for sound and data; physical training floor surface treatment. Electrical systems include: interior lighting; fire alarms; information systems; sound and music system to support training/teaching aids, singing and musical instruments. Mechanical systems include: plumbing; fire protection systems; heating, ventilation and air conditioning. Built-in equipment includes bleacher seating.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC:M00263 MARINE CORP RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA			
4. Project Title ALL WEATHER TRAINING FACILITY			7. Project Number 340
<p>(...continued)</p> <p>Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, and telephone). Paving and site improvements include: lighted and paved parking; sidewalks; roadways access; exterior recruit movement corridors; earthwork; grading and landscaping. Also includes technical operating manuals and Anti-Terrorism/Force Protection features. All construction must meet seismic zone 3 and coastal wind design criteria. The project reconfigures the 1st Battalion PT field.</p>			
<p>11. Requirement: <u>4,181 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Construct a permanent, clear-span, all-weather training facility for the Recruit Training Battalions to include permanent party instruction, permanent party and recruit restroom facilities, large entrance and exits and sound system. (Current mission)</p> <p>REQUIREMENT:</p> <p>All-weather training facility for Recruit Training Battalion to perform safe, uninterrupted close order drills and other applied instruction, such as the newly adopted recruit martial arts training. The facility is required to provide a safe structure for quick access to protect recruits from lightning, extreme heat, rain and violent weather and also allow the recruits to continue field training. There is also a requirement for adequate storage to accommodate the multiple training support uses. Additional expected uses of the facility include: permanent party large classroom instruction; large single religious services or events; Command ceremonies; Commanding General all-hands and town hall meetings; Marine Corps Band Command performances.</p> <p>CURRENT SITUATION:</p> <p>During the summer months, from Mid-May through Mid-September, training is interrupted nearly every day as a result of ''Lightning within 5 miles'' warnings. These warnings typically last from 10 minutes to several hours at a time. Depot paramedics' records confirm at least one lightening strike in the last five years. The strike killed one recruit and injured several others. During outdoor recruit training, when severe weather is approaching, especially lightning, recruits are forced to stop training, return to formation and march to their battalion barracks for safety protection. Training cannot be cancelled and the training day must be</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00263 MARINE CORP RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA		
4. Project Title ALL WEATHER TRAINING FACILITY		7. Project Number 340
<p>(...continued)</p> <p>lengthened to accommodate the interruption. Under extreme weather conditions, the training is often ineffectively conducted back in the open barracks bays after all the sleeping racks are moved to the outside walls. This process must be reversed when the weather clears and recruits can return to the field for training. Temporary port-o-lets are leased and staged in the training area generating an unnecessary recurring cost, and provide less than desirable sanitary conditions.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Training will continue to be interrupted and recruits will be forced to return to the battalion barracks for ineffective training during inclement weather, resulting in loss of valuable training time and jeopardizing the Marine Corps mission for Parris Island, which is to 'Make Marines.' Additional deaths or severe injuries to recruits also may result. Temporary port-o-lets will continue to be leased, generating unnecessary cost and reducing throughput in less than desirable sanitation conditions.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 07/02</p> <p>(C) Date Design Complete..... 05/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 195</p> <p>(B) All Other Design Costs..... 65</p> <p>(C) Total..... 260</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00263 MARINE CORP RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA		
4. Project Title ALL WEATHER TRAINING FACILITY		7. Project Number 340
<p>(...continued)</p> <p>(D) Contract..... 65</p> <p>(E) In-House..... 195</p> <p>(4) Contract Award..... 12/02</p> <p>(5) Construction Start..... 05/03</p> <p>(6) Construction Completion..... 11/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR JIM BEROTTI Phone No: 843-228-3497</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA			4. Project Title RECRUIT TRAINING FACILITY ADDITION	
5. Program Element 0805796M	6. Category Code 171.10	7. Project Number 341	8. Project Cost 3,080	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
RECRUIT TRAINING FACILITY ADDITION (12,335 SF)	m2	1,146	-	2,040
ACADEMIC INSTRUCTION (12,335 SF)	m2	1,146	1,615	(1,850)
BUILT-IN EQUIPMENT	LS	-	-	(150)
INFORMATION SYSTEMS	LS	-	-	(20)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	630
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(390)
ELECTRICAL UTILITIES	LS	-	-	(40)
MECHANICAL UTILITIES	LS	-	-	(20)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(120)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(30)
DEMOLITION	LS	-	-	(30)

SUBTOTAL	-	-	-	2,670
Contingency (5.0%)	-	-	-	130

TOTAL CONTRACT COST	-	-	-	2,800
Supervision Inspection & Overhead (6.0%)	-	-	-	170

SUBTOTAL	-	-	-	2,970
DESIGN/BUILD - DESIGN COST	LS	-	-	110

TOTAL REQUEST	-	-	-	3,080
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a single-story, concrete masonry addition to the existing training facility, with prestressed concrete pile foundation, sloped reinforced concrete slab floors with concrete masonry exterior walls, brick facing and standing seam metal roof on steel trusses; construction materials shall be consistent with the Base Exterior Architectural Plan (BEAP) and sited in accordance with the Depot Master Plan. Built-in equipment includes fixed seating for 600 personnel. Electrical systems include: interior lighting; fire alarms; information systems; Local Area Network (LAN) connectivity; installed audio visual equipment. Mechanical systems include: plumbing; fire protection systems; heating, ventilation</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA		
4. Project Title RECRUIT TRAINING FACILITY ADDITION		7. Project Number 341
<p>(...continued)</p> <p>and air conditioning. Supporting facilities include: site and building utility connections (water, sanitary and storm sewers, electrical, and telephone). Special construction features include: high ceiling; acoustically treated, folding partition walls; raised stage with rear projection screens and public address system for one company size classroom. Paving and site improvements include: lighted and paved parking; roadways access; exterior recruit movement corridors; recruit bus stops; sidewalks; earthwork; grading; landscaping. Also includes technical operating manuals and Anti-Terrorism/Force Protection features. All construction must meet seismic zone 3 and coastal wind design criteria.</p>		
11. Requirement: <u>1,146 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: Construct an addition to the recruit training facility for a large, company-size classroom to accommodate 600 students. (Current mission) REQUIREMENT: Adequate, properly-configured facility to provide academic instruction to three male recruit companies. A recruit company currently consists of eight platoons of approximately 75 recruits per platoon. The recruits receive 40 hours of classroom training in the first and third phase of their training. Approximately 18,000 to 19,000 male recruits graduate every year. CURRENT SITUATION: The recruits currently receive academic instruction in the existing Recruit Training Facility (RTF) and other classrooms remote from the RTF. The existing RTF was completed in 1997; however, this facility was designed for only 360 recruits per company. Current conditions and future base loading project this number to reach 600 recruits per company. IMPACT IF NOT PROVIDED: The existing recruit training facility will not adequately meet the increased mission requirements and recruit training capability will be adversely affected.		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA		
4. Project Title RECRUIT TRAINING FACILITY ADDITION		7. Project Number 341
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 07/02</p> <p>(C) Date Design Complete..... 05/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 83</p> <p>(B) All Other Design Costs..... 27</p> <p>(C) Total..... 110</p> <p>(D) Contract..... 27</p> <p>(E) In-House..... 83</p> <p>(4) Contract Award..... 12/02</p> <p>(5) Construction Start..... 05/03</p> <p>(6) Construction Completion..... 08/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR JIM BEROTTI Phone No: 843-228-3497</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA		
4. Project Title RECRUIT TRAINING FACILITY ADDITION		7. Project Number 341
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM							2. Date 2/12/02		
3. Installation and Location/UIC: N60241 NAVAL AIR STATION KINGSVILLE TEXAS					4. Command Chief of Naval Education and Training			5. Area Constr Cost Index 0.91		
6. Personnel Strength										
	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/01	361	327	229	0	0	0	78	31	0	1,026
b. End FY 2008	380	290	244	0	0	0	61	31	0	1,006
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (16,360.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 105,157.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 2,670.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 6,210.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 6,030.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 5,516.00										
g. REMAINING DEFICIENCY..... 65,176.00										
h. GRAND TOTAL..... 190,759.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>		
136.10	UPGRD AIRFIELD LGHTNG/CTLS					0 LS	6,210	12/00	09/02	
TOTAL							6,210			
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
136.10	AIRFIELD LIGHTING (NALFOG)					0 LS	6,030			
TOTAL							6,030			
b. Major Planned Next Three Years:										
211.06	T45 MAINTENANCE FACILITY					0 LS	5,516			
TOTAL							5,516			
c. Real Property Maintenance Backlog (\$000): \$ 56,610										
10. Mission Or Major Functions:										
Maintains and operates facilities and provide services and materials in support of basic and advanced Navy pilot training in jet aircraft. Supports Training Wing Two and Three Training Squadrons.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N60241 NAVAL AIR STATION KINGSVILLE, TEXAS			4. Project Title UPGRADE AIRFIELD LIGHTING AND CONTROLS	
5. Program Element 0805796N	6. Category Code 136.10	7. Project Number 270	8. Project Cost 6,210	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
UPGRADE AIRFIELD LIGHTING AND CONTROLS	LS	-	-	4,550
APPROACH LIGHTING	LS	-	-	(740)
RUNWAY EDGE LIGHTING	LS	-	-	(1,660)
RUNWAY THRESHOLD LIGHTING	LS	-	-	(160)
WHEELS-WATCH/WAVE-OFF LIGHTING	LS	-	-	(1,050)
TAXIWAY EDGE LIGHTING	LS	-	-	(940)
INSTALL NEW AIRFIELD LIGHTING AND CONTROLS	LS	-	-	1,030
TAXIWAY HOLDING POSITION SIGNS AND LIGHTS	LS	-	-	(110)
TOUCHDOWN ZONE LIGHTING	LS	-	-	(450)
TAXIWAY CENTERLINE LIGHTING	LS	-	-	(470)

SUBTOTAL	-	-	-	5,580
Contingency (5.0%)	-	-	-	280

TOTAL CONTRACT COST	-	-	-	5,860
Supervision Inspection & Overhead (6.0%)	-	-	-	350

TOTAL REQUEST	-	-	-	6,210
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Upgrade and install new airfield lighting, edge lighting, centerline lighting, control panels, electrical cabling, conduits, holding position signs and lights, and upgrade of optical landing signal station and wave-off fixtures. The existing approach lighting system will be upgraded, a new lighting panel at the equipment substation will be replaced and some new handholes and conduit are required. The existing runway edge lighting system will be upgraded on all four runways. The existing runway threshold lighting system will be redesigned and upgraded to meet current criteria. Additional taxiway centerline lighting will be installed on taxiway Charlie and Bravo to supplement the existing centerline lighting. The existing taxiway edge lighting will be upgraded on all taxiways. Holding position signs and lights will be installed at all taxiway intersections with the runways. Touchdown zone lights will be installed on runway 35R. The wheel-watch controls at runway 13L and 13R will be upgraded. The wheel-watch lights at runway 13L, 13R and 35R will also be upgraded. The power cable to the wheel-watch lights will be</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N60241 NAVAL AIR STATION KINGSVILLE, TEXAS		
4. Project Title UPGRADE AIRFIELD LIGHTING AND CONTROLS		7. Project Number 270
<p>(...continued) upgraded, all components of the LSO (Landing Signal Officer) and OLS (Optical Landing Signal) stations and the wave-off light fixtures will be upgraded.</p>		
<p>11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u></p> <p>PROJECT:</p> <p>This project will upgrade the existing airfield lighting as well as provide new lighting. (Current mission)</p> <p>REQUIREMENT:</p> <p>The airfield lighting systems must be safe, reliable and in compliance with airfield safety criteria to ensure the safety of pilots and aircraft. The primary mission of NAS Kingsville (NASK) is to train student jet pilots. The Pilot Training Rate (PTR) for NASK was 188 for FY99, increased to 195 for FY99, and is expected to remain at that level. The total number of pilot-training operations required to train the 188 pilots in FY99 was approximately 347,800 operations. In FY00, it took approximately 360,750 operations to train 195 pilots. A total of 15% of flight operations are performed at night and take approximately 54,113 night-time flight operations to train 195 pilots. The number of operations (both day and night) as well as PTR shall remain at this level in the out years. Without adequate airfield lighting/controls, NASK will be unable to train at least 15% of the pilot training rate each year. In addition to 15% of flight operations being performed at nighttime, the pilots also fly during low visibility conditions (e.g. rain, bad weather). Night-time and low visibility conditions require the use of dependable airfield lighting and controls to ensure that NAS Kingsville can meet the required PTR and flight operations.</p> <p>CURRENT SITUATION:</p> <p>Most of the primary and secondary cables that provide power and control to the airfield lighting are direct buried. Direct burial causes severe deterioration of cables. In addition, direct buried cable creates high maintenance costs for repair or replacement. A majority of the airfield lighting systems at NAS Kingsville do not meet airfield safety criteria. The threshold lighting layout does not meet criteria and must be redesigned. Currently, the threshold lights consist of a group of 16 lights spaced five feet apart on runways 13R/31L and a group of 11 lights spaced five feet apart on runways 17U35R. Criteria requires nine lights</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N60241 NAVAL AIR STATION KINGSVILLE, TEXAS		
4. Project Title UPGRADE AIRFIELD LIGHTING AND CONTROLS		7. Project Number 270
<p>(...continued)</p> <p>spaced ten feet apart. In addition, the sequence flashing lights of the approach lighting system do not operate as required. The sequence flashing lights should flash 120 flashes/minute but only flash approximately 80 flashes/minute. The runway edge lighting is not spaced every 200 feet as required. Also, the runway edge light fixtures and duct systems are old and in poor condition. The majority of the taxiway edge light fixtures are in need of upgrade. Centerline lighting is required on all taxiways. NAS Kingsville has only partial centerline lighting on taxiways Charlie and Bravo. In addition, the wheel-watch and wave-off lighting systems are in poor condition. The Optical Landing Signal stations have poor grounding on the power receptacles. Most control cables are losing their insulation and are in need of replacement. The entire system needs to be upgraded.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without adequate airfield lighting/controls, NASK will be unable to train at least 15% of the pilot training rate (PTR) each year. The deterioration of airfield lighting and controls will continue to accelerate, causing eventual shutdown of airfield during low visibility conditions. At that time, the activity will be unable to meet the required Pilot Training Rates. Without adequate and dependable airfield lighting, NAS will continue to operate in unsafe conditions that increase the risk to the student pilots due to insufficient lighting at low visibility conditions. Another safety hazard is the uneven/inconsistent spacing of the edge, centerline and threshold light fixtures. If the existing light fixture spacing is not corrected, pilots will continue to experience confusion from inconsistent spacing of critical airfield lighting systems. This situation is especially dangerous for student pilots. In addition to safety hazards, installation of an airfield conduit/ductbank for most underground power and control cables would minimize the maintenance costs to repair or replace direct buried cables. Without this project the airfield lighting systems will continue to degrade to substandard conditions.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N60241 NAVAL AIR STATION KINGSVILLE, TEXAS		
4. Project Title UPGRADE AIRFIELD LIGHTING AND CONTROLS		7. Project Number 270
<p>(...continued)</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 330</p> <p>(B) All Other Design Costs..... 110</p> <p>(C) Total..... 440</p> <p>(D) Contract..... 280</p> <p>(E) In-House..... 160</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 09/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR DAVID GEORGES Phone No: 512-595-6464</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N00178 NAVAL SURFACE WEAPONS CENTER DAHLGREN, VIRGINIA						4. Command Naval Sea Systems Command			5. Area Constr Cost Index 0.91	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	142	664	3,639	0	0	0	55	46	0	4,546
	182	791	3,555	0	0	0	55	46	0	4,629
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (4,320.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 282,380.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 29,590.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 9,230.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 16,110.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 12,503.00										
g. REMAINING DEFICIENCY..... 73,330.00										
h. GRAND TOTAL..... 423,143.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u> <u>Start</u> <u>Complete</u>		
317.25	THEATER WARFARE INTEG CNTR (36,005 SF)					3,345 m2	9,230	12/99 09/02		
TOTAL							9,230			
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
316.10	WEAPONS DYNAMICS RDT&E CTR (7,201 SF)					669 m2	3,077			
310.33	SLBM SUPPORT FACILITY ADDN (70,396 SF)					6,540 m2	13,033			
TOTAL							16,110			
b. Major Planned Next Three Years:										
315.30	WPNS SYS LAB ADDN (31,969 SF)					2,970 m2	7,931			
421.22	MAGAZINE CONSOLIDATION (12,529 SF)					1,164 m2	4,572			
TOTAL							12,503			
c. Real Property Maintenance Backlog (\$000): \$ 27,227										
10. Mission Or Major Functions:										
To maintain the primary inhouse research and development capability for electronic warfare systems, subsystems, and technology, including strategic										
(Continued On DD 1390C)										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N00178 NAVAL SURFACE WEAPONS CENTER DAHLGREN, VIRGINIA		4. Command Naval Sea Systems Command	5. Area Constr Cost Index 0.91
<p>(...continued)</p> <p>systems support such as FBM targeting analysis, guidance computer programs, digital fire control program and geoballistics. Other research efforts consist of, but are not limited to, weapon system safety, chemical/biological warfare defense, tactical intelligence support systems, weapon ballistics, and satellite geodesy.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N00178 NAVAL SURFACE WEAPONS CENTER DAHLGREN, VIRGINIA			4. Project Title THEATER WARFARE INTEGRATION CENTER		
5. Program Element 0605896N	6. Category Code 317.25	7. Project Number 276	8. Project Cost 9,230		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
THEATER WARFARE INTEGRATION CENTER (36,005 SF)	M2	3,345	-	6,410	
BUILDING ADDITION (36,005 SF)	M2	3,345	1,614	(5,400)	
BUILT-IN EQUIPMENT	LS	-	-	(410)	
TECHNICAL OPERATING MANUALS	LS	-	-	(60)	
INFORMATION SYSTEMS	LS	-	-	(450)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(90)	
SUPPORTING FACILITIES	LS	-	-	1,890	
ELECTRICAL UTILITIES	LS	-	-	(170)	
MECHANICAL UTILITIES	LS	-	-	(240)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,260)	
ANTI-TERRORISM/FORCE PROTECTION (BARRIERS)	LS	-	-	(100)	
DEMOLITION	LS	-	-	(120)	

SUBTOTAL	-	-	-	8,300	
Contingency (5.0%)	-	-	-	420	

TOTAL CONTRACT COST	-	-	-	8,720	
Supervision Inspection & Overhead (6.0%)	-	-	-	510	

TOTAL REQUEST	-	-	-	9,230	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>New construction of a two-story steel frame building addition with spread footing foundations, concrete floors, brick veneer, modified bitumen roofing on insulated metal decking and steel joists; integrated information (communications and data) systems, intrusion detection system (IDS), fire protection and alarm systems, grounding, mechanical, heating, ventilating and air conditioning (HVAC), utility connections, paving for access roads, parking, sidewalks. Built-in equipment includes Sensitive Compartmented Information Facility (SCIF) spaces, elevator, raised computer flooring. Anti-terrorism/force protection features will be included. This project will allow the demolition of Trailer 1490T, 1389 square meters (14,950 GSF), after the completion of the new construction.</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00178 NAVAL SURFACE WEAPONS CENTER DAHLGREN, VIRGINIA		
4. Project Title THEATER WARFARE INTEGRATION CENTER		7. Project Number 276
<p>(...continued)</p> <p>11. Requirement: <u>3,345 M2</u> Adequate: <u>0 M2</u> Substandard: <u>0 M2</u></p> <p>PROJECT:</p> <p>This project constructs the laboratory and technical support space to accommodate the RDT&E, integration, and interoperability functions of the Warfare Systems Integration Facility (WSIF) to support theater/joint warfare systems integration and interoperability as well as new technology warfare requirements at Naval Surface Warfare Center, Dahlgren Division (NSWCDD). (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities are required to provide support for theater/joint warfare systems integration and interoperability plus support new technical support space to accommodate the RDT&E, integration, and interoperability.</p> <p>NSWCDD's Theater Warfare Systems Department is directed to perform research and development, technology application, integration development, systems engineering, interoperability proofing, and fleet support for Theater Warfare, Theater Air Defense and Integrated Ship Defense. Existing Building #1490 currently accommodates the individual system development and systems analysis while this project is required for integration engineering and interoperability testing of those systems at the Battle Force, Naval, and Joint Theater levels. Adequate facilities are required to support the RDT&E of warfare improvements and solutions employing data fusion and integrated warfare techniques. This project will provide a crucial decision making environment for scientists and military leaders to analyze tactical situations and scenarios, evaluate options, and revise war fighting concepts and doctrine. It is also needed for scientific review of warfare requirements and systems, and application of option analysis to insure best application of assets to thwart current and future warfare threats. This facility will be a key laboratory in providing the capability to evaluate, assess, and certify ''System of Systems'' and their Battle Management Command, Control, Communications, Computers and Intelligence (BMC4I) requirements. NSWCDD is tasked to develop a BMC4I test bed to support integration of Modeling and Simulation capabilities to emulate future environments and systems capabilities. The BMC4I test bed will also support participation in CINC experiments, and the integration of the Area Air Defense Concept (AADC) prototype being developed at John Hopkins University Applied Physics Laboratory (JHU/APL).</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00178 NAVAL SURFACE WEAPONS CENTER DAHLGREN, VIRGINIA		
4. Project Title THEATER WARFARE INTEGRATION CENTER		7. Project Number 276
<p>(...continued)</p> <p>The test bed provides for distributed systems integration (Navy and Joint), and communications (data link, Department of Defense Intelligence Information (DODIIS), Video-Teleconferencing (VTC), and voice). The Theater Warfare Integration Center will provide laboratory space for a Cooperative Engagement Capability (CEC) system test capability to support a multi-node CEC network for E-2C units, AEGIS CG47, and DDG 51, CV, CVN, and amphibious ships. This laboratory will also provide the only test environment capable of isolating the performance of the CEC system in a large integrated network. Internal connectivity will link the CEC laboratory to the laboratories and analysis areas of Building #1490 to permit fully integrated and interoperable testing of shipboard warfare and command and control systems. External connectivity to the laboratory will test the CEC system in a Theater Warfare environment. This project will also allow interface with actual systems and units operating at Virginia Capes (VACAPES) Operating Area (VCOA) through a local CEC tower which will link this facility to other Navy engineering and test facilities at Wallops Island, Virginia. This facility will be the primary laboratory for the Land Attack Warfare System (LAWS) integration. LAWS will provide precision weapon delivery from surface navy platforms in support of land and sea forces in the open ocean to inland targets as deep as 1,200 miles. The LAWS laboratory will provide and certify integration of new Command, Control, Communications, Intelligence, Surveillance and Reconnaissance (C4ISR) elements and Joint Warfare interoperability of systems for installation on new ship platforms such as LPD 17 Class, CV/CVN 77, and CVN back-fits. One of the major tools for the certification of warfare systems integration and interoperability is The Distributed Engineering Plant (DEP) network. The integration of highly complex systems will require extensive system interoperability certification and testing by NSWCDD before fleet installation to ensure the effectiveness, combat readiness and interoperability of these 'Systems of Systems.'</p> <p>CURRENT SITUATION:</p> <p>Building #1490 currently provides laboratory and technical support space for the development and integration of individual systems elements and components, and also accommodates the data extraction, data reduction, analysis, and feedback to support system development and integration. Due to cost reductions older systems are not being retired as quickly as once envisioned and therefore these 'legacy systems' must be maintained for system life cycle engineering support to the fleet, resulting in less laboratory space for newer systems. Thus the existing facilities do not have sufficient room to house the additional integration laboratories necessary to support Theater Warfare and Joint Warfare system</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00178 NAVAL SURFACE WEAPONS CENTER DAHLGREN, VIRGINIA		
4. Project Title THEATER WARFARE INTEGRATION CENTER		7. Project Number 276
<p>(...continued)</p> <p>interoperability certification and testing. This acute laboratory shortfall includes space for system simulators, display suites, and data-fusion support equipment required for extensive system integration operability certification, as well as the simulation/stimulation capabilities needed to test systems in a Theater Warfare environment. The Theater Warfare Integration Center is required to meet critical Theater and Joint Warfare Command and Control Initiatives, the programmed ship installation milestones for the new systems and rapidly evolving warfare integration requirements of the fleet in the 21st Century. There are no other facilities existing at NSWCDD or in the local vicinity that meet these requirements.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, NSWCDD will be unable to meet certain key mission area responsibilities for a number of emerging programs such as Theater Warfare and Joint Warfare for which it is a key laboratory. The delivery schedule for the LPD 20/28, CVN 77, and the CVN Back-fits will be severely impacted by the delay in installation of fully integrated Theater Warfare and Joint Warfare systems. Construction must be completed in time for installation of equipment, which will be mostly Commercial-Off-The-Shelf (COTS) and has a lead-time of 1-4 months and will take 1 month to install/checkout, and be ready and on line to meet the testing milestones for the programmed installations of CEC. The delay of construction completion will delay over 100 ships scheduled for installation, to receive fully integrated and interoperable systems. Additionally, the LHA/LHD/LSD/LPD 17 class amphibious ships are scheduled for Theater Warfare System Installation/Backfit in 2003/10 and the CV/CVN Backfit is programmed to commence in FY04. These programs also will be adversely impacted if Theater Warfare integration and interoperability testing is delayed. Without this project, uncertified Theater Warfare and Joint Warfare integrated and interoperable systems would be delivered to the Fleet. Without being certified, the Navy will not know if these systems work. Additionally, NSWCDD would be unable to accept critical tasking affecting Navy and Joint force operations in many areas of Theater Warfare and Joint Warfare.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00178 NAVAL SURFACE WEAPONS CENTER DAHLGREN, VIRGINIA		
4. Project Title THEATER WARFARE INTEGRATION CENTER		7. Project Number 276
<p>(...continued)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 549</p> <p>(B) All Other Design Costs..... 183</p> <p>(C) Total..... 732</p> <p>(D) Contract..... 458</p> <p>(E) In-House..... 274</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 08/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: BARBARA KELLER Phone No: (540)-653-7617</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM									2. Date 2/12/02																																																						
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VIRGINIA						4. Command Commander in Chief Atlantic Fleet			5. Area Constr Cost Index 0.92																																																							
6. Personnel Strength																																																																
<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Permanent</th> <th colspan="3">Students</th> <th colspan="3">Supported</th> <th rowspan="2">Total</th> </tr> <tr> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> </tr> </thead> <tbody> <tr> <td>a. As Of 9/30/01</td> <td>4,223</td> <td>46,869</td> <td>7,132</td> <td>0</td> <td>1</td> <td>0</td> <td>320</td> <td>691</td> <td>0</td> <td>59,236</td> </tr> <tr> <td>b. End FY 2008</td> <td>4,016</td> <td>45,442</td> <td>8,325</td> <td>0</td> <td>1</td> <td>0</td> <td>339</td> <td>727</td> <td>0</td> <td>58,850</td> </tr> </tbody> </table>												Permanent			Students			Supported			Total	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	a. As Of 9/30/01	4,223	46,869	7,132	0	1	0	320	691	0	59,236	b. End FY 2008	4,016	45,442	8,325	0	1	0	339	727	0	58,850												
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7. INVENTORY DATA (\$000)																																																																
a. TOTAL ACREAGE (576.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 669,442.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 137,820.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 143,760.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 90,327.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 374,402.00 g. REMAINING DEFICIENCY..... 1,835,792.00 h. GRAND TOTAL..... 3,251,543.00																																																																
8. Projects Requested In This Program:																																																																
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10. Mission Or Major Functions: Functions as the primary operating base of the Atlantic Fleet, homeport to over 80 ships, including five aircraft carriers, surface escorts and other combatants, logistics support ships, and attack submarines. This station is the hub of the major Tidewater Logistics Complex of Hampton Roads, Portsmouth, Yorktown and Little Creek.																																																																							
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0																																																																							

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title PIER REPLACEMENT (INCREMENT II)	
5. Program Element 0204796N	6. Category Code 151.20	7. Project Number 226A	8. Project Cost Auth 280 Appr 33,520 Auth for Appr 33,520	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PIER REPLACEMENT (INCREMENT II) (2,999 FB)	MB	914	-	35,260
PIER 3 (2,999 FB)	MB	914	24,830	(22,690)
ELECTRICAL UTILITIES	LS	-	-	(7,830)
MECHANICAL UTILITIES	LS	-	-	(3,140)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,500)
SUPPORTING FACILITIES	LS	-	-	20,210
SITE ELECTRICAL UTILITIES	LS	-	-	(310)
SITE MECHANICAL UTILITIES	LS	-	-	(260)
DREDGING	LS	-	-	(3,000)
DEMOLITION	LS	-	-	(10,300)
RELIEVING PLATFORM	LS	-	-	(5,890)
ROADS AND PARKING	LS	-	-	(250)
MOUNTED OIL BOOMS	LS	-	-	(200)

SUBTOTAL	-	-	-	55,470
Contingency (5.0%)	-	-	-	2,770

TOTAL CONTRACT COST	-	-	-	58,240
Supervision Inspection & Overhead (6.0%)	-	-	-	3,490

SUBTOTAL	-	-	-	61,730
LESS INCREMENT I FUNDING	LS	-	-	-28,210

TOTAL REQUEST	-	-	-	33,520
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>General purpose berthing pier 28 meters wide and 457 meters long with under deck utilidor. The structure consists of precast concrete planks with concrete topping and precast, prestressed large cylindrical piles. Utilities consist of potable water, sanitary waste, oily waste/waste oil, steam, fuel, pier electric, shore-to-ship power, industrial power, telephone, cable TV, and fire alarm. Shore-to-ship power capacity will be 32MVA served via eight skid mounted secondary unit substations. The substations will be compatible for use on all Naval Station Norfolk 35KV upgraded piers. Spare skid-mounted secondary unit substations will be</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
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4. Project Title PIER REPLACEMENT (INCREMENT II)		7. Project Number 226A
<p>(...continued)</p> <p>provided to facilitate an off-pier maintenance program. The existing shore distribution system will be upgraded to facilitate providing 34.5KV service to the pier. Transit sheds, deck structures, piles, utilities and fittings for existing Piers 2 and 3 shall be demolished and removed and the footprints dredged to a depth of 12.2 + 0.6 meters. Additionally, a portion of the existing bulkhead and a portion of Pier 2 shall be demolished. Anti-Terrorism/Force Protection is included.</p>		
<p>11. Requirement: <u>914 MB</u> Adequate: <u>0 MB</u> Substandard: <u>0 MB</u></p> <p>PROJECT:</p> <p>Constructs a general purpose berthing pier providing four pierside berths to replace Pier 3 at Naval Station Norfolk, Virginia. (Current mission)</p> <p>REQUIREMENT:</p> <p>An adequate replacement pier is required to provide the capability of berthing all classes of ships currently or planned for homeporting at NAVSTA, with the exception of aircraft carriers. Additionally, the pier must allow nesting of DDG-51 and CG-47 class ships with full cold iron support at each of the four berths. A comprehensive Regional Waterfront Plan for the entire Hampton Roads region supports the requirement for this project. NAVSTA has a requirement for 11,974 MB supporting a 2003 ship loading of 89 ships and utilizing ship nesting. To provide a portion of the required berthing at NAVSTA, Norfolk, Pier 3 must be replaced with a modern general purpose berthing pier providing necessary utilities, deck space and deck loading, as well as pier to pier spacing required to provide efficient and safe general berthing capability in support of the U.S. Atlantic Fleet.</p> <p>CURRENT SITUATION:</p> <p>Pier 3 is over 56 years old and was constructed as a supply pier with a transit shed. The pier is inadequate based on economic analysis, operational limitations and siting. Limited deck space (9 m each side) and structural strength of deck and piling severely restrict mobile crane access to the pier and limit pier side operations. The structural piles of Pier 3 are reinforced concrete piles. The piles are not prestressed concrete; they are in a state of deterioration requiring ongoing repair, and they have exceeded their useful life span. The current separation between piers is inadequate to allow for nesting of ships or adequate tugboat access to properly and safely berth ships. The existing utilities</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
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4. Project Title PIER REPLACEMENT (INCREMENT II)		7. Project Number 226A
<p>(...continued)</p> <p>are inadequate to accommodate current and future ship classes (including nesting) and meet environmental standards. Additionally, due to the age and condition of the pier, the mooring fixtures are no longer adequate to berth all classes of ships due to growth in the size of the ships. The 9m spacing between the transit shed and the edge of the pier severely restricts crane operations, requiring ships berth transfers to support ordnance, supply and maintenance operations.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Pier 3 will not be able to support berthing of current and future ship classes homeported at NAVSTA, Norfolk. The lack of adequate berthing space with required utilities is part of a cumulative impact that will prevent NAVSTA from supporting the homeported ships. The existing pier represents increased Fleet operational costs by requiring 'steaming' in port due to lack of adequate utilities and creating unsafe ship handling and berthing conditions as a result of extremely narrow slip widths. Additionally, significant increase in berthing costs will result because of the need to use commercial berthing facilities during peak loading periods. The deck structure and width limit crane service on the pier, which is not adequate to support the loading necessary for supply and maintenance operations.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/00</p> <p>(C) Date Design Complete..... 08/01</p> <p>(D) Percent Complete As Of September 2001..... 100%</p> <p>(E) Percent Complete As Of January 2002..... 100%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: FY02 P-226</p>		

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4. Project Title PIER REPLACEMENT (INCREMENT II)		7. Project Number 226A
<p>(...continued)</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 1500</p> <p>(B) All Other Design Costs..... 720</p> <p>(C) Total..... 2220</p> <p>(D) Contract..... 1860</p> <p>(E) In-House..... 360</p> <p>(4) Contract Award..... 10/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 05/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR TITO ARANDELA Phone No: 757-322-2500</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title AIRFIELD RECAP	
5. Program Element 0204796N	6. Category Code 113.20	7. Project Number 152	8. Project Cost 11,290	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
AIRFIELD RECAP (565,999 SF)	m2	52,583	-	7,020
CONSTRUCTION TAXIWAY BRAVO (308,957 SF)	m2	28,703	143	(4,110)
CONSTRUCT PARKING APRON (257,042 SF)	m2	23,880	122	(2,910)
SUPPORTING FACILITIES	LS	-	-	3,120
DEMOLITION OF AIRFIELD PAVING	LS	-	-	(2,070)
AIRFIELD LIGHTING	LS	-	-	(410)
STORMWATER MANAGEMENT	LS	-	-	(640)

SUBTOTAL	-	-	-	10,140
Contingency (5.0%)	-	-	-	510

TOTAL CONTRACT COST	-	-	-	10,650
Supervision Inspection & Overhead (6.0%)	-	-	-	640

TOTAL REQUEST	-	-	-	11,290
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project includes replacement of Portland cement concrete and base material on Taxiway B which will strengthen the pavement. Project also constructs new parking apron with a 305 mm stone base and 305 mm of Portland Cement Concrete, and compacted fill material. The parking apron will be 207.65 m by 115 m wide. Concrete will be recycled. All wiring, lights, pavement markers disturbed by this project will be replaced. Drainage will be a combination of sheet flow and drainage structures.</p>				
11. Requirement: <u>52,583 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>				
PROJECT:				
<p>The project will provide critical re-capitalization of deteriorated Taxiway Bravo and will also relieve the Air Cargo and Air Passenger Terminals of the parking congestion that exists on the south side of the airfield. (Current mission)</p>				
REQUIREMENT:				
<p>Adequate runways, taxiway and parking apron pavements are required to accommodate the mission of Naval Station Norfolk in maintaining 15</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRFIELD RECAP		7. Project Number 152
<p>(...continued)</p> <p>squadrons, a Fleet Replacement Squadron (FRS) for C-12, air cargo and air passenger terminals. In addition, the airfield hosts a wide assortment of heavy transport aircraft. The increase in the numbers of large aircraft arriving at the Air Cargo and Air Passenger Terminals causes a parking congestion problem, resulting in the closure of two taxiways. The Mediterranean channel flights have changed from 727's to the larger, heavier L1011's. Channel flights from Keflavik and Roosevelt Roads are expected to change to the larger aircraft also. The additional parking apron will fill in a grass strip and will result in two rows of parking for these transient aircraft. The number of these aircraft have increased by 580% in the last 5 years. The apron is based on a parking plan for the south side of the airfield.</p> <p>CURRENT SITUATION:</p> <p>In general, these airfield pavements have deteriorated due to a combination of factors - pavement age, high usage (the repeated loading from aircraft having high tire pressures and from increased numbers of heavy transport aircraft), pavement subgrade failure due to overloading, and isolated locations of latent construction defects and damage from freeze/thaw cycles.</p> <p>Deteriorating pavement surface conditions on the runway, taxiways, and aprons present a significant Foreign Object Damage (FOD) hazard to operating aircraft. Ingesting fragments of pavement or joint sealant can severely damage or destroy an aircraft engine, and FOD is a constant threat to the safety of aircraft, pilots, air crews and civilian populations. Numerous aircraft engines have been damaged due to taxiway/apron FOD damage. While the squadrons use sweeper trucks and conduct FOD walks daily in an effort to prevent FOD damage, aircraft operations accelerate the deterioration of the pavement. Maintenance costs for these pavements are expected to increase sharply unless required re-capitalization is performed. Records indicate that the station spent more than \$2,500,000/year on FOD damage caused by pavement in 1997 and 1998. In 1999, the FOD damage caused by pavement exceeded \$3,690,000.</p> <p>A pavement survey found the following: The taxiway will not provide satisfactory support and will begin to generate FOD if not improved. Taxiway Bravo is an old World War II runway, which has experienced a heavy increase in large passenger and cargo aircraft. The taxiway is the main taxiway used by both the air passenger and cargo aircraft. In sections of Taxiway Bravo South, the pavement condition index value is predicted to be below 45 (criteria threshold for maintenance) by FY2002. The pavement is</p>		

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3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRFIELD RECAP		7. Project Number 152
<p>(...continued)</p> <p>also structurally deficient to support day-to-day operations. Reconstruction and strengthening with Portland cement concrete is required.</p> <p>The increase in the numbers of large aircraft arriving at the Air Cargo and Air Passenger Terminals has left a parking congestion problem, which causes the closure of two taxiways. The additional parking apron will fill in a grass strip and will result in two rows of parking for these transient aircraft.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, there will be repeated closures and delays caused by maintenance on the main taxiway. Foreign Object Damage (FOD) potential will increase, personnel safety will be increasingly jeopardized, and pavement areas may be required to be closed, which severely impacts airfield operations and emergency response times in the event of emergency landing. The increase in FOD will also require more FOD walks, and, consequently, less flying time. Air Passenger and Cargo Terminal operations are impacted when two taxiways must close to park all the transient aircraft. This additional parking will allow smooth operations and parking within Navy airfield criteria.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 09/01</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRFIELD RECAP		7. Project Number 152
<p>(...continued)</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 500</p> <p>(B) All Other Design Costs..... 200</p> <p>(C) Total..... 700</p> <p>(D) Contract..... 550</p> <p>(E) In-House..... 150</p> <p>(4) Contract Award..... 12/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 01/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR TITO ARANDELA Phone No: 757-322-2500</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Joint use construction is recommended.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title AIRCRAFT MAINTENANCE FACILITIES	
5. Program Element 0204796N	6. Category Code 211.45	7. Project Number 280	8. Project Cost 34,450	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
AIRCRAFT MAINTENANCE FACILITIES (143,548 SF)	m2	13,336	-	18,990
PARACHUTE/ SURVIVAL EQUIP SHOP (8,697 SF)	m2	808	1,514	(1,220)
AIRFRAMES SHOP (24,337 SF)	m2	2,261	1,365	(3,090)
AVIONICS SHOP (37,878 SF)	m2	3,519	1,363	(4,800)
AVIATION ARMAMENT SHOP (4,306 SF)	m2	400	1,825	(730)
AMCM SLEDSHOP (10,000 SF)	m2	929	1,493	(1,390)
STORAGE (6,738 SF)	m2	626	878	(550)
ADMIN (16,738 SF)	m2	1,555	1,356	(2,110)
ENGINE MAINTENANCE SHOP (31,850 SF)	m2	2,959	1,489	(4,410)
COVERED PAD FOR ENGINE STORAGE (3,003 SF)	m2	279	335	(90)
BUILT-IN EQUIPMENT	LS	-	-	(290)
INFORMATION SYSTEMS	LS	-	-	(100)
TECHNICAL OPERATING MANUALS	LS	-	-	(120)
ANTI-TERRORISM AND FORCE PROTECTION	LS	-	-	(90)
SUPPORTING FACILITIES	LS	-	-	11,960
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,980)
ELECTRICAL UTILITIES	LS	-	-	(1,530)
MECHANICAL UTILITIES	LS	-	-	(2,120)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,450)
DEMOLITION	LS	-	-	(3,080)
FLAMMABLE STORAGE	LS	-	-	(350)
EQUIPMENT MOVES AND INSTALLATION	LS	-	-	(560)
STORM WATER MANAGEMENT	LS	-	-	(440)
ENGINE TEST CELL RELOCATION	LS	-	-	(450)

SUBTOTAL	-	-	-	30,950
Contingency (5.0%)	-	-	-	1,550

TOTAL CONTRACT COST	-	-	-	32,500
Supervision Inspection & Overhead (6.0%)	-	-	-	1,950

TOTAL REQUEST	-	-	-	34,450
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project includes construction of a new consolidated Aircraft Intermediate Maintenance Depot (AIMD) facility. The facility will be</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRCRAFT MAINTENANCE FACILITIES		7. Project Number 280
<p>(...continued)</p> <p>two-story on a concrete slab with pile foundation. Two clean rooms, compressed air, conditioned ventilation, dual overhead hoist, 227 kg engine lifts, one 1.8 metric ton overhead crane, sound attenuation, two eye washes, oil/water separator, and transformer are included. Naval Aviation Logistics Computer Operations and Maintenance Information System (NALCOMIS) and secure computer line is required. Doors will include two 3.6 m roll-up doors, two 12.1 m sliding doors, one 33.5 m sliding door, and one 3 m roll-up door. A 279 square meter covered concrete pad for engine storage will be attached. The current engine test cell will be relocated. Demolition of LP14, LP11, LP31, LP32, SP10, SP11, SP38, SP66, SP234, SP234a, SP241 and V45 (9,377 Sq m) is included. Special construction features include pile foundation; Anti-Terrorism/Force Protection features are included.</p>		
11. Requirement: <u>13,336 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: The project will consolidate functions that are directly related to Aircraft Intermediate Maintenance (AIM). (Current mission) REQUIREMENT: An adequate AIM facility is required to consolidate shops which support the AIM Norfolk mission of maintaining the E-2C, C-2A, C-9 aircraft and helicopters. The Navy is changing all heavy transport helicopters from CH-53 to CH-60 helicopters. Renovation to the avionics will be required to accept the CH-60 helicopter and to phase out the H-53 helicopter. The number of CH-60 helicopters will increase the composite materials work completed in the Norfolk area. Additionally, some of the squadrons have a requirement for classroom space and some squadrons with detachments have a requirement for storage space. The squadrons have been put out of several of these spaces. This project will give them a space in the airfield area. This project will also allow the release of existing adequate space to be used for an auto hobby shop, squadron classrooms and storage, and an anti-mine sled shop for Mine Warfare helicopter squadron in buildings SP312, SP312 and SP123. There is a requirement for 2,769 square meters of sled shop, 1,277 square meters of classroom space and 233 square meters of		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRCRAFT MAINTENANCE FACILITIES		7. Project Number 280
<p>(...continued)</p> <p>storage space. All of this will be satisfied in SP213, SP312 and SP313.</p> <p>CURRENT SITUATION:</p> <p>AIM is currently located in several buildings, most of which are inadequate. The buildings are scattered around the base and require transportation. The battery shop is one mile from the avionics shop and has suffered from break-in problems due to its remote location. Several of these facilities have been on the demolition list for more than a decade. Many of the buildings are not air-conditioned and do not have the proper air ventilation for industrial equipment. The airframe shop is in an old WWII hangar. This hangar has problems with inadequate electricity, roof, floor and walls. A WWII hangar is also in danger of a wall collapse. The ventilation required in the composite shop, welding shop, and the non-destructive test lab's dark room is marginal and may lead to health problems for workers in these areas. Much of AIM is in a large WWII hangar without walls or sound attenuation, making excessive noise a problem for anyone working in these conditions. A fire protection water main has ruptured under the floor and pushed up the concrete floor so that the administrative offices on the south side of the hangar have been condemned. There is not an adequate clean room for hydraulics or a dark room for non-destructive testing. One sand blaster cannot be used because of the lack of ventilation. Leaks in the roofs have caused the loss of some test equipment. The paraloft is located in a building that is also inadequate.</p> <p>The sled shop is collapsing. The facility is a nearly 50 year old semi-permanent metal building. Some of the sled shop is in SP31, which will be demolished. The current auto hobby shop is collapsing and has foundation problems.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>AIM will continue to experience problems related to electrical shortages and building conditions. The quality of the work will be affected by the inadequate structures where AIM is currently housed. Roof, floor and window problems in LP14 will go unabated, as will the inadequate electrical supply. Continuing to use these facilities risks loss of expensive test equipment due to the continual roof leaks. A broken water main under LP14 will continue to damage the floor. The failure to consolidate AIM will result in lost time spent on traveling to the other departments and loss of efficiency. The avionics shop will continue to work with the battery shop being one mile away. The sled shop and the</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
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4. Project Title AIRCRAFT MAINTENANCE FACILITIES		7. Project Number 280
(...continued) life support shops are also a mile away from the other facilities.		
12. Supplemental Data: A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide) (1) Status: (A) Date Design Started..... 12/00 (B) Date Design 35% Complete..... 01/02 (C) Date Design Complete..... 09/02 (D) Percent Complete As Of September 2001..... 2% (E) Percent Complete As Of January 2002..... 35% (F) Type of Design Contract..... Design/Bid/Build (G) Parametric Estimate used to develop cost..... Yes (H) Energy study/life-cycle analysis performed..... Yes (2) Basis: (A) Standard or Definitive Design: No (B) Where Design Was Most Recently Used: (3) Total Cost (C) = (A) + (B) Or (D) + (E): (A) Production of Plans and Specifications..... 1840 (B) All Other Design Costs..... 610 (C) Total..... 2450 (D) Contract..... 1540 (E) In-House..... 910 (4) Contract Award..... 11/02 (5) Construction Start..... 12/02 (6) Construction Completion..... 12/04 B. Equipment associated with this project which will be provided from other appropriations: NONE. Activity POC: LCDR TITO ARANDELA Phone No: 757-322-2500		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRCRAFT MAINTENANCE FACILITIES		7. Project Number 280
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title BACHELOR ENLISTED QUARTERS SHIPBOARD ASHORE (INCREMENT I)		
5. Program Element 0204796N	6. Category Code 721.11	7. Project Number 293	8. Project Cost Auth 85,430 Appr 37,310 Auth for Appr 37,310		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS SHIPBOARD ASHORE (1,028,492 SF)	m2	95,550	-	54,340	
BACHELOR ENLISTED QUARTERS (188,368 SF)	m2	17,500	1,338	(23,420)	
BUILT IN EQUIPMENT	LS	-	-	(950)	
INFORMATION SYSTEMS	LS	-	-	(530)	
TECHNICAL OPERATING MANUALS	LS	-	-	(190)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(2,240)	
PARKING STRUCTURE (2100 AUTOS) (840,123 SF)	m2	78,050	346	(27,010)	
SUPPORTING FACILITIES	LS	-	-	19,760	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(3,640)	
ELECTRICAL UTILITIES	LS	-	-	(2,300)	
MECHANICAL UTILITIES	LS	-	-	(1,890)	
PAVEMENT	LS	-	-	(1,580)	
SITE IMPROVEMENTS	LS	-	-	(2,370)	
DEMOLITION	LS	-	-	(250)	
THERMAL NODE PLANT	LS	-	-	(4,230)	
FACILITY SUSTAINABLE DEVELOPMENT	LS	-	-	(3,500)	

SUBTOTAL	-	-	-	74,100	
Contingency (5.0%)	-	-	-	3,700	

TOTAL CONTRACT COST	-	-	-	77,800	
Supervision Inspection & Overhead (6.0%)	-	-	-	4,670	

SUBTOTAL	-	-	-	82,470	
DESIGN/BUILD - DESIGN COST	LS	-	-	2,960	
LESS INCREMENT II FUNDING	LS	-	-	-48,120	

TOTAL REQUEST	-	-	-	37,310	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Project will construct bachelor enlisted quarters (BEQ). BEQ will be a multi-story, interior corridor building with structural steel and masonry bearing walls on a pile foundation, slab on grade, brick/block exterior walls, concrete floors, finished interior walls and ceiling, standing-seam</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS SHIPBOARD ASHORE (INCREMENT I)		7. Project Number 293
<p>(...continued)</p> <p>metal roof, metal gutters, metal downspouts, insulation, utilities, sound attenuation, and metal doors and windows. The facility will be comprised of 250 modules incorporating a '1+1' module style, permanent quarters with private sleeping rooms, a shared head, and private closets. The BEQ will include high efficiency central heating/air conditioning, telephones and local area network cable outlets, elevators, fire alarm system, sprinklers with fire pump, and utilities. Provide electrical and mechanical utilities at the site. Provide landscaping with irrigation systems and parking for the new facility. Parking will be provided for 70% of the assigned personnel (700 parking spaces).</p> <p>A Thermal Node Plant for the area is included in this project and will service all the BEQ's in the area. The plant structure will be sized to accommodate the heating and cooling capacity required. Initially a steam to Low Temperature Hot Water (LTHW) converter and chiller will be installed in the building for the first BEQ constructed with 4-pipe system for heating and cooling. As additional buildings are constructed, the Node Plant can be expanded.</p> <p>Anti-Terrorism/Force Protection is included. Special construction features include pile foundation. Structural, glazing, and mechanical and utility systems will be designed in accordance with current criteria.</p> <p>Sustainable Design features will be fully investigated during the Design/Build phase and those items that provide the best return on initial cost will be incorporated into the project. Some of the features to be investigated include: daylighting, use of recycled materials, high efficiency lighting and mechanical systems, passive and active solar heating for hot water, water conservation and energy efficient appliances.</p> <p>Intended Grade Mix: 500 E1-E4 Maximum Utilization: 500 E1-E4</p>		
11. Requirement: <u>10,997 PN</u> Adequate: <u>1,512 PN</u> Substandard: <u>0 PN</u> PROJECT: This project will construct a new multi-story permanent bachelor enlisted quarters for E1 - E4 personnel within the secured boundaries of the Naval Station Norfolk and will comply with the Homeport Ashore requirement from the Chief of Naval Operations. (Current mission) REQUIREMENT:		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS SHIPBOARD ASHORE (INCREMENT I)		7. Project Number 293
<p>(...continued)</p> <p>Adequate bachelor quarters are required at Naval Station Norfolk for shipboard sailors. A deficiency of 10,997 enlisted billeting (E1-E4<4 years) spaces exists at the Naval Station Norfolk based on the latest bachelor housing survey report dated 5 May 2001. This deficiency is a result of the new Chief of Naval Operations (CNO) directive to 'house shipboard sailors ashore.' Completion of this project will eliminate part of the deficiency by providing a modern facility that complies with current Bachelor Housing construction standards.</p> <p>CURRENT SITUATION:</p> <p>Currently approximately 40,000 E1-E4 personnel live aboard ships. The enlisted single shipboard sailors have the lowest quality of life in the U.S. Navy, and shipboard berthing has been singled out as a major dissatisfier. Starting in FY 2003 the CNO has directed shipboard sailors be housed ashore while they are homeported.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this MCON project and the four future follow-on Bachelor Quarters MCON's are not provided, the Navy will not be able to meet the CNO's directive to house the shipboard sailors ashore. This will result in continued poor quality of life conditions for the E1-E4 sailors, and will continue to negatively impact Navy retention rates.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS SHIPBOARD ASHORE (INCREMENT I)		7. Project Number 293
<p>(...continued)</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 3050</p> <p>(B) All Other Design Costs..... 800</p> <p>(C) Total..... 3850</p> <p>(D) Contract..... 3050</p> <p>(E) In-House..... 800</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. FY 2001 Unaccompanied Housing Real Property Maintenance Conducted: \$0</p> <p>D. FY 2002 Unaccompanied Housing Real Property Maintenance Conducted: \$0</p> <p>E. Future Unaccompanied Housing Real Property Maintenance Requirements: \$0</p> <p>Activity POC: LCDR TITO ARANDELA Phone No: 757-322-2500</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title UPGRADE ELECTRICAL DISTRIBUTION PHASE II	
5. Program Element 0204896N	6. Category Code 812.30	7. Project Number 368	8. Project Cost 25,160	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
UPGRADE ELECTRICAL DISTRIBUTION PHASE II	LS	-	-	21,800
UNDERGROUND DISTRIBUTION	LS	-	-	(7,400)
NORTH SWITCHING STATION	LS	-	-	(1,600)
UTILITY POINTS OF SERVICE	LS	-	-	(12,640)
RELOCATE UTILITIES	LS	-	-	(160)
SUPPORTING FACILITIES	LS	-	-	810
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(550)
DEMOLITION	LS	-	-	(260)

SUBTOTAL	-	-	-	22,610
Contingency (5.0%)	-	-	-	1,130

TOTAL CONTRACT COST	-	-	-	23,740
Supervision Inspection & Overhead (6.0%)	-	-	-	1,420

TOTAL REQUEST	-	-	-	25,160
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project is the second phase of two projects that upgrade the electrical distribution system serving the Norfolk Naval Station piers and waterfront facilities. This project provides a new electrical utility point of service from Virginia Power served directly from the transmission grid, a 34.5 kV distribution station, and 34.5 kV electrical distribution to Piers 4, 5, 7, 10, 11, 12, and the small craft piers. Portions of the existing electrical distribution system currently being served from the Sewells Point and Taussig electrical power stations will be either demolished or upgraded to facilitate construction of the new waterfront electrical distribution system and substation facility. Pavement overlay will be required where trenching occurs under roads/parking/sidewalks. The capacity of the new utility point of service provided by this project will be 150MVA. Demolition of Building X-329 (560 m2). Special construction features include contaminated soil removal.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
PROJECT:				
Combined with Phase I, P-367, these projects replace the existing 200MVA				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title UPGRADE ELECTRICAL DISTRIBUTION PHASE II		7. Project Number 368
<p>(...continued)</p> <p>with a new 300MVA electrical distribution system for the Naval Station, Norfolk to support general purpose berthing of Navy ships. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate and reliable electrical power is required to support the additional electrical services provided by the pier replacement construction, pier electrical upgrade projects programmed and under execution, and other electrical load growth on Naval Station, Norfolk. The requirement for this project is supported by and is a critical element of the comprehensive and long range Hampton Roads Regional Waterfront Plan. The load requirement for these projects is supported by detailed engineering analysis based on ship loading and operational impacts. This project also provides flexibility for portions of the system to be shut down for periodic maintenance.</p> <p>CURRENT SITUATION:</p> <p>The current service from the utility has a capacity of 200MVA which is not adequate to meet the 300MVA requirement of the new piers, pier electrical upgrade projects and other electrical load growth on Naval Station Norfolk. Electrical power distribution to the Naval Station is currently handled via 34.5kV circuits that have been added as the load increased over the years. There is no available circuit capacity or land for expansion of the existing system without constructing costly piecemeal additions. Retaining the current mode of service even with costly upgrades and expansion would eventually require placing restrictions on the energy that the piers draw. Furthermore, the existing electrical network would become vulnerable to a major electrical outage if one feed from Sewells Point was lost, as the remaining feeds would not be able to accommodate the additional load transferred with moderate forecasted pier loading. Also, multiple circuits are located on overloaded traditional wooden poles that are susceptible to damage by high winds, accidents or terrorist action.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The 200MVA capacity of the existing electrical distribution system will not be able to meet the demand requirements of the piers. Load growth calculations from ship load alone show the demand exceeding the capacity of the distribution infrastructure beginning with completion of the Pier 5 Electrical Upgrade Project. The Pier 10 and 7 replacement projects will</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title UPGRADE ELECTRICAL DISTRIBUTION PHASE II		7. Project Number 368
<p>(...continued)</p> <p>represent a load that greatly exceeds the capacity of the existing infrastructure. Navy vessels will continue to be severely restricted in the amount of energy they can draw, seriously impacting pier side training, maintenance and, more importantly, overall readiness. Navy shore side mission objectives will also be hampered by the energy restrictions causing at the very least constant postponement of operations. Security of the electrical system will be sacrificed with the increased loads as minor operational contingencies may lead to major outages resulting in a catastrophic loss of the operational capabilities of the Naval Station, Norfolk. Additionally, the existing electrical distribution system will continue to constitute a serious state of vulnerability to high winds, terrorist action, and vehicular and aircraft mishaps. Damage to the system from either high winds, terrorist action, or a vehicle or aircraft mishap would represent yet another source of a catastrophic loss of electrical power as the multiple circuits located on the same poles would all be lost at the same time. Without the new electrical distribution system designed to meet the current requirements and allow for future system expansion, the Naval Station will continue to operate with an antiquated system that is costly to maintain, operate and does not allow for economically feasible expansion capabilities.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title UPGRADE ELECTRICAL DISTRIBUTION PHASE II		7. Project Number 368
<p>(...continued)</p> <p>(A) Production of Plans and Specifications..... 300</p> <p>(B) All Other Design Costs..... 200</p> <p>(C) Total..... 500</p> <p>(D) Contract..... 150</p> <p>(E) In-House..... 350</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR TITO ARANDELA Phone No: 757-322-2500</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title SHORELINE SECURITY FENCING	
5. Program Element 0204896N	6. Category Code 872.10	7. Project Number 469	8. Project Cost 2,030	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
SHORELINE SECURITY FENCING	EA	6	-	940
PERIMETER SECURITY FENCE	LS	-	-	(790)
GATE/SENTRY HOUSE	EA	6	25,000	(150)
SUPPORTING FACILITIES	LS	-	-	820
SITE IMPROVEMENTS	LS	-	-	(670)
WETLAND MITIGATION	LS	-	-	(150)

SUBTOTAL	-	-	-	1,760
Contingency (5.0%)	-	-	-	90

TOTAL CONTRACT COST	-	-	-	1,850
Supervision Inspection & Overhead (6.0%)	-	-	-	110

SUBTOTAL	-	-	-	1,960
DESIGN/BUILD - DESIGN COST	LS	-	-	70

TOTAL REQUEST	-	-	-	2,030
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project will construct a perimeter fence along several key areas of the shoreline at the Naval Station Norfolk. These areas include the entire waterfront pier area, the SP area from Aircraft Intermediate Maintenance Department to Willoughby Housing, the Willoughby Housing complex, and the M-51 complex adjacent to the Sailing Center. The perimeter fence is 2.13 meters high and 4,100 meters long and consists of chain link, fence fabric, poles, extension arms, and razor wire. The security fence will include 36 vehicle access gates, 33 standard personnel gates, and 29 turnstile personnel gates. Site improvements include borrow fill for low and unstable areas, fine grading and seeding.</p>				
11. Requirement: <u>6 EA</u> Adequate: <u>0 EA</u> Substandard: <u>0 EA</u>				
PROJECT:				
<p>This project constructs a shoreline perimeter fence to secure waterfront assets, critical airfield operational areas, and a vulnerable waterfront housing area at the Naval Station Norfolk. (Current mission)</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title SHORELINE SECURITY FENCING		7. Project Number 469
<p>(...continued) REQUIREMENT:</p> <p>An adequate physical security barrier is required along the entire perimeter of a restricted area and requires a security patrol road when the restricted area perimeter encloses an area larger than one square mile. All of the shoreline area is accessible to security patrols. NS Norfolk occupies over 1,862 hectares (4,600 acres). The shoreline perimeter fence will: 1) enhance safety and response time of security forces to any location on the waterfront area; 2) enhance incident detection to safeguard waterfront assets and critical assets; 3) permit daily personnel and vehicle entry through designated access points; and 4) deter unauthorized entry to restricted areas. The fenced barrier optimizes the manpower requirements for mobile surveillance security operations and provides a strategic security advantage for responding security forces by enclosing the airfield and protecting housing and morale, welfare, and recreation areas.</p> <p>CURRENT SITUATION:</p> <p>There is not a continuous perimeter fence or other barrier along critical sections of the Naval Station Norfolk waterfront to provide a physical or psychological deterrent to unauthorized entry into restricted areas from the shoreline.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project there will continue to be no visual demarcation or physical barrier to assist in detecting, assessing and restricting unauthorized entry attempts to critical operational assets or channeling personnel and vehicles to established control points. Maintaining security of restricted areas, implementing an integrated physical security system to safeguard military assets, and responding quickly to threatening situations will continue to be impaired due to the reliance on declining manpower resources used for mobile surveillance security operations.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title SHORELINE SECURITY FENCING		7. Project Number 469
<p>(...continued)</p> <p>(A) Date Design Started..... 10/01</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: NA</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 50</p> <p>(B) All Other Design Costs..... 20</p> <p>(C) Total..... 70</p> <p>(D) Contract..... 20</p> <p>(E) In-House..... 50</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 01/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR TITO ARANDELA Phone No: 757-322-2500</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02																				
3. Installation and Location/UIC: N60191 NAVAL AIR STATION OCEANA, VIRGINIA				4. Command Commander in Chief, Atlantic Fleet		5. Area Constr Cost Index 0.92																				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total																
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																	
	1,102	7,964	144	0	0	0	27	130	0	9,367																
	986	7,446	509	0	0	0	27	130	0	9,098																
7. INVENTORY DATA (\$000)																										
a. TOTAL ACREAGE (23,875.00)																										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 446,168.00																										
c. AUTHORIZATION NOT YET IN INVENTORY..... 44,740.00																										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 2,000.00																										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 32,623.00																										
g. REMAINING DEFICIENCY..... 306,764.00																										
h. GRAND TOTAL..... 832,295.00																										
8. Projects Requested In This Program:																										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 45%;"></td> <td style="width: 15%;">Cost</td> <td style="width: 25%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td><u>Scope</u></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>136.10</td> <td>AIRFIELD APPROACH LIGHTING</td> <td>0 LS</td> <td>2,000 09/01 07/02</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td></td> <td>2,000</td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>	136.10	AIRFIELD APPROACH LIGHTING	0 LS	2,000 09/01 07/02	TOTAL			2,000
Category		Cost	Design Status																							
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>																							
136.10	AIRFIELD APPROACH LIGHTING	0 LS	2,000 09/01 07/02																							
TOTAL			2,000																							
9. Future Projects:																										
a. Included In The Following Program (FY 2004):																										
None																										
b. Major Planned Next Three Years:																										
721.11	BACHELOR ENLISTED QUARTERS	13,464 m2	30,098																							
	(144,925 SF)																									
451.10	SUSPECT CARGO HOLDING AREA	373 m2	2,525																							
	(4,015 SF)																									
TOTAL			32,623																							
c. Real Property Maintenance Backlog (\$000): \$ 111,720																										
10. Mission Or Major Functions:																										
<p>This Atlantic Fleet master jet base provides operational support to 12 fighter squadrons (F-14) and eight medium attack squadrons (A-6) which deploy on Atlantic Fleet aircraft carriers, one adversary fighter squadron, two reserve units, and two Fleet Readiness Squadrons. It also provides support to ALF (Auxiliary Landing Field) Fentress.</p>																										
11. Outstanding Pollution And Safety Deficiencies (\$000):																										
a. Pollution Abatement (*): \$ 0																										
b. Occupational Safety And Health (OSH) (#): \$ 0																										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N60191 NAVAL AIR STATION OCEANA, VIRGINIA			4. Project Title AIRFIELD APPROACH LIGHTING	
5. Program Element 024696N	6. Category Code 136.10	7. Project Number 585	8. Project Cost 2,000	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
AIRFIELD APPROACH LIGHTING	LS	-	-	1,410
RUNWAY APPROACH LIGHTING	LS	-	-	(1,230)
BUILT-IN EQUIPMENT	LS	-	-	(160)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	390
SITE IMPROVEMENTS	LS	-	-	(140)
CIVIL/MECHANICAL UTILITIES	LS	-	-	(40)
ELECTRICAL UTILITIES	LS	-	-	(210)

SUBTOTAL	-	-	-	1,800
Contingency (5.0%)	-	-	-	90

TOTAL CONTRACT COST	-	-	-	1,890
Supervision Inspection & Overhead (6.0%)	-	-	-	110

TOTAL REQUEST	-	-	-	2,000
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>The work includes construction of an Approach Lighting System consisting of Sequenced Flashing Lights in a Category I Configuration for Runway 32L. The approach lights are barrettes of white lights placed perpendicular to the extended runway centerline and spaced at 30 meter intervals for a distance of 915 meters from the runway threshold. The sequenced flashing lights are provided at each station from the 305 foot crossbar to the end of the system (915). This project will include the installation of threshold lighting. The existing tower controls and the electrical vault for the existing airfield lighting circuits will be rewired and modified to accommodate the addition of the approach runway lighting circuit for Runway 32L. A new approach lighting vault with backup generator and radio frequency communications for controls is provided. A new gravel road provides access to the approach lights and vault.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
PROJECT:				
<p>This project installs new precision and primary instrument approach runway lighting consisting of an approach lighting system with sequenced flashing</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N60191 NAVAL AIR STATION OCEANA, VIRGINIA		
4. Project Title AIRFIELD APPROACH LIGHTING		7. Project Number 585
<p>(...continued)</p> <p>lighting, category 1 configuration on Runway 32L. (Current mission)</p> <p>REQUIREMENT:</p> <p>Approach lighting is required on airfields where instrument and precision approach are used to meet visual flight rules (VFR) or instrument flight rules (IFR) conditions. NAS Oceana is the Master Jet Base for the east coast. NAS Oceana has 11 F-14 Squadrons, 9 F/A-18 Squadrons and one adversary squadron assigned. NAS Oceana is homeport for young pilots assigned to two Fleet Readiness Squadrons (VF-101, the F-14 FRS and VFA-106, the F/A-18 FRS). All pilots must train and maintain certification with flight operations using instrument and precision approach techniques. The pilots must be trained and prepared for any possible condition, at all hours of the day and night in a variety of weather conditions. Under certain cross wind and other weather conditions, Runway 32L is the best runway for approach for fixed wing aircraft. Unfortunately, due to the lack of approach lighting and visual safety requirements, Runway 32L cannot be used under severe weather conditions when visibility is under 122 ft (MSL) ceiling with less than 0.5 mile visibility. When severe weather conditions exist, pilots may use an alternate runway (05R has a ceiling of 119 ft MSL with 0.25 mile visibility) or divert to another airfield.</p> <p>CURRENT SITUATION:</p> <p>Visibility is a very important safety concern for the pilot traveling in an airport approach pattern at 150 knots (about 180 mph). Decisions must be made quickly. During fair weather daylight hours, the normal visibility range is 10-15 miles. During night and severe weather conditions, visibility is reduced. Due to NAS Oceana's close proximity to the ocean, the weather conditions are humid and hazy during the summer, and grey and foggy during the winter. Flying in cloudy weather, even experienced pilots can become disoriented without visual points of reference to verify instrument readings. Even in fair weather, under both visual and instrumentation flight, the pilot must make the final decision to land or divert. The approach lighting provides necessary feedback to the pilot that the aircraft is aligned properly for landing, and to allow the pilot to make the necessary corrections before landing at night and during periods of low visibility. This is a significant safety issue as the NAS Oceana boundary is encroached upon by the local community residential, resort and commercial land uses with high concentrations of people. The concern for safety is elevated by the arrival of F/A-18 Hornets. The F/A-18 Hornet is a single pilot aircraft. In an emergency</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N60191 NAVAL AIR STATION OCEANA, VIRGINIA		
4. Project Title AIRFIELD APPROACH LIGHTING		7. Project Number 585
<p>(...continued)</p> <p>situation, the F/A-18 pilot must rely solely on his/her instrument readings and experience to land the aircraft safely. F-14 and most of the earlier assigned aircraft have or had a crew of at least two.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The safety of flight operations and maneuvers is compromised by the lack of centerline approach lighting on Runway 32L. NAS Oceana is located in a rapidly expanding residential, commercial and resort area of Virginia Beach. Interstate highways coupled with ever increasing commercial lighting make standard airfield lighting a necessity at this master jet base, particularly under restricted visibility and other adverse weather conditions. This lighting is a safety requirement, and, if not provided, the danger to personnel, aircraft and the surrounding community will continue to remain at a higher probability than necessary with the proper lighting.</p> <p>If approach lighting is not installed on Runway 32L and aircraft divert to Runway 05R when weather conditions permit, then Runway 05R will be used more often; thus increasing maintenance and repair costs and downtime to perform repairs for Runway 05R, a primary runway for the airfield.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 09/01</p> <p>(B) Date Design 35% Complete..... 12/01</p> <p>(C) Date Design Complete..... 07/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: Yes</p> <p>(B) Where Design Was Most Recently Used: MCAS NEW RIVER</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N60191 NAVAL AIR STATION OCEANA, VIRGINIA		
4. Project Title AIRFIELD APPROACH LIGHTING		7. Project Number 585
<p>(...continued)</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 106</p> <p>(B) All Other Design Costs..... 74</p> <p>(C) Total..... 180</p> <p>(D) Contract..... 10</p> <p>(E) In-House..... 170</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 02/03</p> <p>(6) Construction Completion..... 02/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LTJG RITENBURG Phone No: 757-433-2430</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM								2. Date 2/12/02																																										
3. Installation and Location/UIC: N00181 NAVAL SHIPYARD PORTSMOUTH, VIRGINIA						4. Command Naval Sea Systems Command		5. Area Constr Cost Index 0.92																																											
6. Personnel Strength																																																			
<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Permanent</th> <th colspan="3">Students</th> <th colspan="3">Supported</th> <th rowspan="2">Total</th> </tr> <tr> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> </tr> </thead> <tbody> <tr> <td>a. As Of 9/30/01</td> <td>123</td> <td>437</td> <td>7,282</td> <td>0</td> <td>0</td> <td>0</td> <td>193</td> <td>2,618</td> <td>0</td> <td>10,653</td> </tr> <tr> <td>b. End FY 2008</td> <td>143</td> <td>583</td> <td>7,993</td> <td>0</td> <td>0</td> <td>0</td> <td>211</td> <td>3,969</td> <td>0</td> <td>12,899</td> </tr> </tbody> </table>											Permanent			Students			Supported			Total	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	a. As Of 9/30/01	123	437	7,282	0	0	0	193	2,618	0	10,653	b. End FY 2008	143	583	7,993	0	0	0	211	3,969	0	12,899
	Permanent			Students			Supported				Total																																								
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a. As Of 9/30/01	123	437	7,282	0	0	0	193	2,618	0	10,653																																									
b. End FY 2008	143	583	7,993	0	0	0	211	3,969	0	12,899																																									
7. INVENTORY DATA (\$000)																																																			
a. TOTAL ACREAGE (319.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 152,583.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 49,410.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 19,660.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 31,779.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 116,356.00 g. REMAINING DEFICIENCY..... 247,320.00 h. GRAND TOTAL..... 617,108.00																																																			
8. Projects Requested In This Program:																																																			
<table> <thead> <tr> <th>Category</th> <th></th> <th>Scope</th> <th>Cost (\$000)</th> <th>Design Status</th> </tr> <tr> <th><u>Code</u></th> <th><u>Project Title</u></th> <th></th> <th></th> <th><u>Start</u> <u>Complete</u></th> </tr> </thead> <tbody> <tr> <td>730.25</td> <td>AT/FP IMPROVEMENTS (8,611 SF)</td> <td>800 m2</td> <td>19,660</td> <td>10/01 09/02</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>19,660</td> <td></td> </tr> </tbody> </table>										Category		Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>			<u>Start</u> <u>Complete</u>	730.25	AT/FP IMPROVEMENTS (8,611 SF)	800 m2	19,660	10/01 09/02	TOTAL			19,660																							
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TOTAL			19,660																																																
9. Future Projects:																																																			
a. Included In The Following Program (FY 2004):																																																			
<table> <tbody> <tr> <td>213.70</td> <td>SHIP COMPONENTS SERV FAC (88,167 SF)</td> <td>8,191 m2</td> <td>15,939</td> <td></td> </tr> <tr> <td>218.20</td> <td>CRANE/WGHT HNDLG EQP SHOP (156,992 SF)</td> <td>14,585 m2</td> <td>15,840</td> <td></td> </tr> <tr> <td colspan="3">TOTAL</td> <td>31,779</td> <td></td> </tr> </tbody> </table>										213.70	SHIP COMPONENTS SERV FAC (88,167 SF)	8,191 m2	15,939		218.20	CRANE/WGHT HNDLG EQP SHOP (156,992 SF)	14,585 m2	15,840		TOTAL			31,779																												
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b. Major Planned Next Three Years:																																																			
<table> <tbody> <tr> <td>213.10</td> <td>DRYDOCK #8 EXT & CAISSON (59 LF)</td> <td>18 m</td> <td>16,498</td> <td></td> </tr> <tr> <td>213.65</td> <td>CONTROLLED INDUSTRIAL FAC (45,004 SF)</td> <td>4,181 m2</td> <td>43,190</td> <td></td> </tr> <tr> <td>152.50</td> <td>PIER 3 IMPVS (81 GM)</td> <td>305 LM</td> <td>17,193</td> <td></td> </tr> <tr> <td>213.70</td> <td>WTRFRNT PROD SUPPORT FAC (117,983 SF)</td> <td>10,961 m2</td> <td>21,288</td> <td></td> </tr> <tr> <td>213.66</td> <td>SHIP SVCS SHOP CONSOLID (153,343 SF)</td> <td>14,246 m2</td> <td>18,187</td> <td></td> </tr> <tr> <td colspan="3">TOTAL</td> <td>116,356</td> <td></td> </tr> </tbody> </table>										213.10	DRYDOCK #8 EXT & CAISSON (59 LF)	18 m	16,498		213.65	CONTROLLED INDUSTRIAL FAC (45,004 SF)	4,181 m2	43,190		152.50	PIER 3 IMPVS (81 GM)	305 LM	17,193		213.70	WTRFRNT PROD SUPPORT FAC (117,983 SF)	10,961 m2	21,288		213.66	SHIP SVCS SHOP CONSOLID (153,343 SF)	14,246 m2	18,187		TOTAL			116,356													
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(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N00181 NAVAL SHIPYARD PORTSMOUTH, VIRGINIA		4. Command Naval Sea Systems Command	5. Area Constr Cost Index 0.92
<p>(...continued)</p> <p>c. Real Property Maintenance Backlog (\$000): \$ 74,952</p>			
<p>10. Mission Or Major Functions:</p> <p>The Norfolk Naval Shipyard exists to support the Fleet. Its primary mission is to repair, overhaul, drydock, convert, modernize and inactivate ships, and to provide logistics services in support of fleet readiness. The Shipyard is capable of repairing and maintaining all classes of nuclear and non nuclear powered ships and submarines in the Navy's inventory.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00181 NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA			4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	
5. Program Element 0702096N	6. Category Code 730.25	7. Project Number 902	8. Project Cost 19,660	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	LS	-	-	17,670
SECURITY FEATURES CONSTRUCTION	LS	-	-	(11,090)
EMERGENCY COMMAND CENTER	LS	-	-	(2,780)
SPECIAL FEATURES	LS	-	-	(1,500)
BUILT-IN EQUIPMENT	LS	-	-	(300)
WATERFRONT SECURITY LIGHTING	LS	-	-	(2,000)
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	17,670
Contingency (5.0%)	-	-	-	880

TOTAL CONTRACT COST	-	-	-	18,550
Supervision Inspection & Overhead (6.0%)	-	-	-	1,110

TOTAL REQUEST	-	-	-	19,660
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Project proposes various security additions such as window glazing for facilities, installation of perimeter/security fencing with arresting cables, boundary identification markers/systems, physical barriers, security platforms, high-intensity lighting, waterfront guard towers, improved communication systems, vehicular and personnel entry-control facilities (including permanent remotely-controlled 'pop-up' barriers, proper stacking lanes for vehicles, specially-demarcated adjoining areas and projectile resistant guard kiosks), security fencing with heightened vehicular crash-through mitigation features, perimeter and patrol roads. This project will construct an Emergency Command Center (ECC) with hardened walls and specialized spaces and equipment for emergency conditions. Office support space for the ECC will also be included in the construction. Built-in equipment will include raised computer floor, multiple large scale wall computer monitors, and an uninterrupted power source (UPS). The project will also install additional security lighting around the waterfront inside the controlled industrial area (CIA) of Norfolk Naval Shipyard (NNSY). These improvements will be focused on the high priority areas of Norfolk Naval Shipyard such as boundaries/perimeters and entry points, and waterfront.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00181 NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA		
4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS		7. Project Number 902
<p>(...continued)</p> <p>11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u></p> <p>PROJECT:</p> <p>This project proposes security improvements that provide or enhance antiterrorism and force protection features at Norfolk Naval Shipyard to protect our peacetime, warfighting, and training assets (ships, submarines, personnel, facilities, and infrastructure) and capabilities from obvious and specious attacks or infiltrations. (Current mission)</p> <p>REQUIREMENT:</p> <p>Naval installations ashore must deal with a variety of threats to the installation, to Naval personnel, and to Naval platforms that are present at the installation. These threats can be deployed from the air, water (surface and submerged), and land. Before September 11, 2001 the perceived threat at CONUS locations was generally considered low to moderate. Facilities were designed based on the low perceived threat. With an increased threat the resulting additional requirements are driving the need for new security features to protect Navy assets. Various physical, electronic, and operational security improvements are required.</p> <p>CURRENT SITUATION:</p> <p>NNSY lacks some of the physical security features necessary to hinder or mitigate potential terrorist actions or breaches in security. The ECC for NNSY is located on the perimeter fence of the installation, and it lacks these physical security features. The ECC should be located away from the perimeter for additional control access and protection. Currently, the waterfront lighting does not illuminate all areas of the waterfront. The existing waterfront lighting does not provide the physical security features necessary to hinder or mitigate potential terrorist actions or breaches in security.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Potential crippling of naval forces or capabilities; potential injury or loss of life and damage to vessels, aircraft, facilities/infrastructure; potential undermining of morale among our forces and the general U.S. public; potential undermining of international perception of U.S. forces specifically, and U.S. priorities in general; high cost of rescue, clean-up and recovery after a terrorist attack.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00181 NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA		
4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS		7. Project Number 902
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 10/01</p> <p>(B) Date Design 35% Complete..... 03/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 15%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 1051</p> <p>(B) All Other Design Costs..... 350</p> <p>(C) Total..... 1401</p> <p>(D) Contract..... 876</p> <p>(E) In-House..... 525</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 07/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LARRY LEE Phone No: 396-5649</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00181 NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA		
4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS		7. Project Number 902
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: M00264 MARINE CORPS BASE QUANTICO, VIRGINIA					4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 0.94			
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	243	1,211	1,071	1,355	103	1,444	1,285	2,806	2,624	12,142
	161	1,247	989	1,541	1,177	1,681	1,354	2,807	4,465	15,422
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (60,534.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 444,364.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 29,410.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 19,554.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 38,792.00										
g. REMAINING DEFICIENCY..... 224,561.00										
h. GRAND TOTAL..... 756,681.00										
8. Projects Requested In This Program:										
Category						Cost	Design Status			
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>				<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>		
143.45	ARMRY/FLT WEAPONS SUPT FAC (23,153 SF)	2,151 m2				4,234	12/00	04/03		
721.14	BACH ENLISTED QTRS (OCS) (45,747 SF)	4,250 m2				10,280	09/01	02/04		
721.26	BEQ ADDITION (SNCO) (22,873 SF)	2,125 m2				5,040	01/02	03/03		
TOTAL						19,554				
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
171.10	CANDIDATE INSTRUCTION FAC	0 LS				5,177				
610.10	H&S BN HQTR, TBS	0 LS				2,962				
141.60	TRNG & RESOURCES FAC	0 LS				6,788				
851.10	TRAFFIC IMPROVEMENT	0 LS				8,041				
740.25	FAMILY SERVICES CENTER	0 LS				3,456				
721.24	BACHELOR ENLISTED QUARTERS	0 LS				12,368				
TOTAL						38,792				
c. Real Property Maintenance Backlog (\$000): \$ 48,580										
10. Mission Or Major Functions:										
Develop, in coordination with agencies and representatives of other										

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: M00264 MARINE CORPS BASE QUANTICO, VIRGINIA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 0.94
<p>(...continued)</p> <p>services, the doctrine, tactics, techniques and equipment employed by landing forces in amphibious operations; support Marine Corps requirements for long range planning by identifying required study areas and by initiating study of such areas, in coordination with other government and civilian contract agencies; educate officers in the principles, tactics and techniques of warfare, with particular emphasis on the landing force aspects of amphibious operations in air-ground combat forces of the Marine Corps; educate staff noncommissioned officers with the requisite responsibilities; exercise academic supervision over all Marine Corps formal schools (less recruit training); and other functions as directed by the Commandant of the Marine Corps.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA			4. Project Title ARMORY/FLEET WEAPONS SUPPORT FACILITY		
5. Program Element 0805796M	6. Category Code 143.45	7. Project Number 454	8. Project Cost 4,234		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
ARMORY/FLEET WEAPONS SUPPORT FACILITY (23,153 SF)	m2	2,151	-	3,010	
ARMORY/FLEET WEAPONS SUPPORT FACILITY (23,153 SF)	m2	2,151	1,160	(2,500)	
BUILT IN EQUIPMENT	LS	-	-	(350)	
INFORMATION SYSTEMS	LS	-	-	(80)	
TECHNICAL OPERATING MANUALS	LS	-	-	(80)	
SUPPORTING FACILITIES	LS	-	-	660	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(100)	
ELECTRICAL UTILITIES	LS	-	-	(80)	
MECHANICAL UTILITIES	LS	-	-	(130)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(120)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(230)	

SUBTOTAL	-	-	-	3,670	
Contingency (5.0%)	-	-	-	180	

TOTAL CONTRACT COST	-	-	-	3,850	
Supervision Inspection & Overhead (6.0%)	-	-	-	234	

SUBTOTAL	-	-	-	4,084	
DESIGN/BUILD - DESIGN COST	LS	-	-	150	

TOTAL REQUEST	-	-	-	4,234	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a one-story reinforced concrete and steel building with concrete foundation and structural floor. The building will have a built-up roof on reinforced deck, intrusion detection system, telephone and telecommunications, fire protection system, sound attenuation, heating/air conditioning system, loading dock, built-in air compressor, paving, parking, fence and site improvements at Weapons Training Battalion (WTBn). The facility will be constructed to seismic zone three and current armory, ammunition loading and weapons test facility standards. Also includes technical operating manuals and Anti-Terrorism/Force Protection features.</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		
4. Project Title ARMORY/FLEET WEAPONS SUPPORT FACILITY		7. Project Number 454
<p>(...continued)</p> <p>11. Requirement: <u>2,151 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project provides an adequate facility for Weapons Training Battalion (WTBn) to serve as the Marine Corps proponent for small arms combat marksmanship and the focal point for the marksmanship doctrine, training, competition, equipment and weapons. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate, properly configured secure facilities are required for the Weapons Training Battalion at MCCDC Quantico. The Weapons Training Battalion is responsible for the Competition Rifle and Pistol/Ammunition Program for the entire Marine Corps; manufactures ten different types of primary precision weapons from basic off-the-shelf components, conducts the Precision Weapons Repairman course, provides depot level maintenance to Marine Corps Logistics Base Albany for the 45 caliber pistol, M41A1 sniper rifle, and MP5N submachine gun inventory, and custom hand loads approximately 200,000 rounds of ammunition a year in support of the Marine Corps Competition In Arms Program. In addition, they manage a 'state of the art' weapons and ammunition test facility where they certify ammunition as safe to use as well as test, develop and commercially procure ammunition for use by the operating forces. Lastly, they have a machine shop essential for the production and training process and weapons refinishing capability.</p> <p>CURRENT SITUATION:</p> <p>Weapons Training Battalion functions are located in an Armory built in 1956, a Small Arms Shop/Performance Weapons Shop built in 1964 (actually in a modified head facility), an Ammo Rework/Loading Facility built in 1956, and a Firing Line Shelter/Testing Facility built in 1971. The buildings all lack adequate space, climate control and the latest security features. The machinery spaces do not comply with Occupational Safety and Health (OSHA) safety standards. Because storage and maintenance/manufacturing functions are in two separate buildings the weapons must be moved between the buildings at least twice each day, causing additional exposure to the elements and redundant accountability, operational and security measures. The current Loading Facility does not meet the requirements for site approval of an operational Ammunition Reload Facility. The project will replace these scattered buildings with</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		
4. Project Title ARMORY/FLEET WEAPONS SUPPORT FACILITY		7. Project Number 454
<p>(...continued)</p> <p>a secure, efficiently organized and consolidated facility.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project the Weapons Training battalion will continue to use disjointed and unsecured facilities. Transporting weapons from one place to another will continue to be a logistics burden with unnecessary security risk and will expose precision weapons to unnecessary corrosion.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 07/02</p> <p>(C) Date Design Complete..... 04/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 113</p> <p>(B) All Other Design Costs..... 38</p> <p>(C) Total..... 151</p> <p>(D) Contract..... 38</p> <p>(E) In-House..... 113</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 09/04</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		
4. Project Title ARMORY/FLEET WEAPONS SUPPORT FACILITY		7. Project Number 454
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: RICHARD A. REISCH Phone No: 703-784-5490</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA			4. Project Title BACHELOR ENLISTED QUARTERS (SNCO) ADDITION	
5. Program Element 0805796M	6. Category Code 721.26	7. Project Number 535	8. Project Cost 5,040	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS (SNCO) ADDITION (22,873 SF)	m2	2,125	-	3,880
BACHELOR ENLISTED QUARTERS (22,873 SF)	m2	2,125	1,716	(3,650)
BUILT IN EQUIPMENT	LS	-	-	(30)
INFORMATION SYSTEMS	LS	-	-	(40)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
ANTI-TERRORISM/FORCE PROTECTION - BUILDING	LS	-	-	(110)
SUPPORTING FACILITIES	LS	-	-	490
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(40)
ELECTRICAL UTILITIES	LS	-	-	(110)
MECHANICAL UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(190)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(70)

SUBTOTAL	-	-	-	4,370
Contingency (5.0%)	-	-	-	220

TOTAL CONTRACT COST	-	-	-	4,590
Supervision Inspection & Overhead (6.0%)	-	-	-	280

SUBTOTAL	-	-	-	4,870
DESIGN BUILD - DESIGN COST	LS	-	-	170

TOTAL REQUEST	-	-	-	5,040
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Constructs a multi-story brick-faced, cast stone-detailed Georgian-style building addition to the Staff Non Commissioned Officer (SNCO) Barracks identified in MILCON project P-486, providing an additional 50 rooms or 100 manspaces (MS) in the standard 2X0 room configuration (25 modules) with semi-private bathrooms and walk-in closets. Community, and service core areas consist of laundry facilities, lounges, administrative offices, housekeeping areas and public restrooms. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, and heating ventilation and air conditioning (HVAC). Supporting</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS (SNCO) ADDITION		7. Project Number 535
<p>(...continued)</p> <p>facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, local area network (LAN), and cable television (CATV)). Paving and site improvements include paved parking, sidewalks, roadway access and landscaping. Also includes technical operating manuals, anti-terrorism/force protection features, any required environmental mitigation and demolition of existing construction (to include lead and asbestos abatement). Project will match existing 2000 series barracks on base per the Base Exterior Architecture Plan (BEAP).</p> <p>Rooms: 50 two person rooms. Maximum Utilization: 100 E1-E3. Intended Grade Mix: 50 E5, 50 E6-E9 (Students). Total: 100 persons</p>		
11. Requirement: <u>300 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u> PROJECT: Provides 100 living spaces for bachelor enlisted personnel (50 two person rooms) using the 2x0 Quality of Life (QOL) standard room design for permanent party enlisted personnel to house 100 enlisted personnel (E5-E7) attending the Staff Non-Commissioned Officer (SNCO) Academy at Marine Corps Base (MCB) Quantico, VA. (Current mission) REQUIREMENT: This project is needed to provide adequate billeting which meets quality of life standards for enlisted personnel attending the SNCO Academy at MCB Quantico, VA. This project also supports the Commandant of the Marine Corps goal to replace all inadequate bachelor quarters with the new 2X0 configured barracks. CURRENT SITUATION: Enlisted Marines attending the Staff Non-Commissioned Officer (SNCO) Academy at MCB Quantico, VA are currently billeted in three inadequate 1943-vintage buildings that are in an extreme state of disrepair. Heavily laden with asbestos, the overcrowded buildings are poorly heated, have no air-conditioning, and cannot support window air-conditioners due to weak electrical systems. Plumbing leaks have resulted in rotting floor members and joists. Poor drainage and foundation leaks have created standing water beneath one of the buildings resulting in a foul odor pervading the		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS (SNCO) ADDITION		7. Project Number 535
<p>(...continued)</p> <p>entire building. These inadequate BEQs do not meet the minimum Department of Defense standards for 2X0 billeting and severely impact the quality of life and morale of the students.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Deferral of this project will result in the continued use of inadequate and substandard facilities to house enlisted Marines attending formal education. This will seriously affect the morale of the enlisted Marines and make it more difficult for the Marine Corps to motivate and retain these specially selected, highly skilled, and experienced leaders.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 01/02</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 130</p> <p>(B) All Other Design Costs..... 43</p> <p>(C) Total..... 173</p> <p>(D) Contract..... 43</p> <p>(E) In-House..... 130</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS (SNCO) ADDITION		7. Project Number 535
<p>(...continued)</p> <p>(6) Construction Completion..... 07/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: RICHARD A. REISCH Phone No: 703-784-5490</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA			4. Project Title BACHELOR ENLISTED QUARTERS, OFFICER CANDIDATE SCHOOL (OCS)		
5. Program Element 0805796M	6. Category Code 721.24	7. Project Number 532	8. Project Cost 10,280		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS, OCS (45,747 SF)		m2	4,250	-	7,380
BACHELOR ENLISTED QUARTERS (45,747 SF)		m2	4,250	1,585	(6,740)
BUILT IN EQUIPMENT		LS	-	-	(180)
INFORMATION SYSTEMS		LS	-	-	(30)
TECHNICAL OPERATING MANUALS		LS	-	-	(190)
ANTI-TERRORISM/FORCE PROTECTION - BUILDING		LS	-	-	(240)
SUPPORTING FACILITIES		LS	-	-	1,530
SPECIAL CONSTRUCTION FEATURES		LS	-	-	(70)
ELECTRICAL UTILITIES		LS	-	-	(150)
MECHANICAL UTILITIES		LS	-	-	(80)
PAVING AND SITE IMPROVEMENTS		LS	-	-	(250)
DEMOLITION		LS	-	-	(840)
ANTI-TERRORISM/FORCE PROTECTION - SITE		LS	-	-	(140)
SUBTOTAL		-	-	-	8,910
Contingency (5.0%)		-	-	-	450
TOTAL CONTRACT COST		-	-	-	9,360
Supervision Inspection & Overhead (6.0%)		-	-	-	560
SUBTOTAL		-	-	-	9,920
DESIGN-BUILD DESIGN COST		LS	-	-	360
TOTAL REQUEST		-	-	-	10,280
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	-
10. Description of Proposed Construction					
<p>Constructs a multi-story brick-faced, cast stone-detailed Georgian-style building providing 100 rooms or 200 manspaces (MS) in the standard 2X0 room configuration (50 modules) with semi-private bathrooms and walk-in closets. Community and service core areas consist of laundry facilities, lounges, administrative offices, housekeeping areas and public restrooms. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, and heating ventilation and air conditioning (HVAC). Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers,</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS, OFFICER CANDIDATE SCHOOL (OCS)		7. Project Number 532
<p>(...continued)</p> <p>electrical, telephone, local area network (LAN), and cable television (CATV)). Paving and site improvements include paved parking, sidewalks, roadway access and landscaping. Also includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, any required Environmental Mitigation and demolition of existing construction (to include lead and asbestos abatement). Project will match existing 2000 series barracks on base per the Base Exterior Architecture Plan (BEAP).</p> <p>Rooms: 100 two person rooms. Maximum Utilization: 200 E1-E3. Intended Grade Mix: 100 E1-E3, 30 E4, 20 E5. Total: 150 persons</p>		
11. Requirement: <u>2,423 PN</u> Adequate: <u>1,156 PN</u> Substandard: <u>0 PN</u> PROJECT: Provides 200 living spaces for bachelor enlisted personnel (100 two person rooms) using the 2x0 Quality of Life (QOL) standard room design for permanent party enlisted personnel attached to Officer Candidates School (OCS) at MCB Quantico, VA. (Current mission) REQUIREMENT: This project is needed to provide adequate billeting which meets quality of life standards for permanent party enlisted personnel attached to OCS at MCB Quantico, VA. This project also supports the Commandant of the Marine Corps goal to replace all inadequate gang head bachelor quarters with the new 2X0 configured barracks. CURRENT SITUATION: Enlisted Marines at OCS are currently billeted in a room configured, gang head BEQ that is in an extreme state of disrepair. This substandard BEQ does not meet the minimum Department of Defense standards of adequacy for 2X0 billeting and severely impacts the quality of life and morale of the instructors. The instructors' long and varied duty hours require that they be billeted in close proximity to the candidates. IMPACT IF NOT PROVIDED: Deferral of this project will result in the continued use of an inadequate facility to house enlisted Marines. This will seriously affect the morale		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS, OFFICER CANDIDATE SCHOOL (OCS)		7. Project Number 532
<p>(...continued)</p> <p>of the enlisted Marines and make it more difficult for the Marine Corps to motivate and retain these specially selected, highly skilled, and experienced leaders. It will also impact their ability to complete their mission of training Marine Corps Officer Candidates.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 09/01</p> <p>(B) Date Design 35% Complete..... 06/03</p> <p>(C) Date Design Complete..... 02/04</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 267</p> <p>(B) All Other Design Costs..... 89</p> <p>(C) Total..... 356</p> <p>(D) Contract..... 89</p> <p>(E) In-House..... 267</p> <p>(4) Contract Award..... 08/03</p> <p>(5) Construction Start..... 10/03</p> <p>(6) Construction Completion..... 01/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: RICHARD A. REISCH Phone No: 703-784-5490</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02					
3. Installation and Location/UIC: N00109 NAVAL WEAPONS STATION YORKTOWN, VIRGINIA					4. Command Naval Sea Systems Command					5. Area Constr Cost Index 0.92	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
	39	642	405	0	0	0	14	9	0	1,109	
	45	670	618	0	0	0	14	9	0	1,356	
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE (12,035.00)											
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 259,828.00											
c. AUTHORIZATION NOT YET IN INVENTORY..... 36,297.00											
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 15,020.00											
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00											
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 20,724.00											
g. REMAINING DEFICIENCY..... 183,127.00											
h. GRAND TOTAL..... 514,996.00											
8. Projects Requested In This Program:											
Category											
Cost Design Status											
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>		<u>Complete</u>	
721.11	BEQ REPLACEMENT (59,675 SF)					5,544 m2	15,020	12/00		03/03	
TOTAL							15,020				
9. Future Projects:											
a. Included In The Following Program (FY 2004):											
None											
b. Major Planned Next Three Years:											
421.72	IGLOO MAGAZINES (27,900 SF)					2,592 m2	7,763				
421.72	IGLOO MAGAZINES (27,900 SF)					2,592 m2	7,733				
826.40	NSTF HVAC MAKE UP AIR (1,444 LF)					440 m	2,753				
148.30	EXPLOSIVES RR CAR HOLDG YD					0 LS	2,475				
TOTAL							20,724				
c. Real Property Maintenance Backlog (\$000): \$ 15,385											
10. Mission Or Major Functions:											
Receive, store, overhaul, test, modify explosives and accomplish other related work pertaining to ammunition, expendable ordnance items, and/or weapons and technical ordnance material. Overhaul, test, and assemble mines, torpedoes, advanced underseas weapons and guided missiles. Act as designated overhaul point for repair, refurbishment, and retrofit of specified missiles. Receive, inspect, monitor, assemble, alter, store, and issue classified ordnance/weapons. Conduct research and development studies											

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N00109 NAVAL WEAPONS STATION YORKTOWN, VIRGINIA		4. Command Naval Sea Systems Command	5. Area Constr Cost Index 0.92
(...continued) of explosive compositions and processes.			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00109 NAVAL WEAPONS STATION YORKTOWN, VIRGINIA			4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT	
5. Program Element 0702096N	6. Category Code 721.11	7. Project Number 532	8. Project Cost 15,020	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS REPLACEMENT (59,675 SF)	M2	5,544	-	9,690
BACHELOR ENLISTED QUARTERS (59,675 SF)	M2	5,544	1,501	(8,320)
BUILT-IN EQUIPMENT	LS	-	-	(490)
TECHNICAL OPERATING MANUALS	LS	-	-	(120)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(560)
INFORMATION SYSTEMS	LS	-	-	(200)
SUPPORTING FACILITIES	LS	-	-	3,340
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(540)
ELECTRICAL UTILITIES	LS	-	-	(470)
MECHANICAL UTILITIES	LS	-	-	(560)
PAVING, WALKS AND CURBS	LS	-	-	(350)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(90)
SITE IMPROVEMENTS	LS	-	-	(720)
DEMOLITION	LS	-	-	(610)

SUBTOTAL	-	-	-	13,030
Contingency (5.0%)	-	-	-	650

TOTAL CONTRACT COST	-	-	-	13,680
Supervision Inspection & Overhead (6.0%)	-	-	-	820

SUBTOTAL	-	-	-	14,500
DESIGN/BUILD - DESIGN COST	LS	-	-	520

TOTAL REQUEST	-	-	-	15,020
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a multi-story, interior corridor, bachelor enlisted quarters (BEQ) with structural steel and masonry bearing walls on concrete spread footings, slab on grade, brick/concrete masonry unit exterior walls, concrete floors, finished interior walls and ceiling, standing-seam metal roof, metal gutters, metal downspouts, insulation, utilities, sound attenuation, and metal doors and windows. The facility will accommodate 168 E1 to E4 with 84 modules incorporating a '1+1' module style, with semi-private heads, semi-private equipped kitchenette/service areas,</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00109 NAVAL WEAPONS STATION YORKTOWN, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 532
<p>(...continued)</p> <p>private sleeping rooms, and private closets. The BEQ will include high efficiency central heating/air conditioning, telephone and local area network cable outlets, elevators, fire alarm system, sprinklers with fire pump and utilities. Provide electrical and mechanical utilities at the site, landscaping with irrigation system, parking; relocate steam and overhead power lines for the new facility. Provide a brick courtyard area, a volleyball court and other outside free activity area. Built-In Equipment includes standing seam metal roof, traction elevator, and fire booster pump; Anti-Terrorism/Force protection is included; Special Construction Features include pile foundation; and Information Systems include Cable TV, local area network, and telephone systems. Demolition includes two existing BEQs, Buildings 706 and 707, (3,980mw).</p> <p>Intended Grade Mix: 168 E1-E4 Maximum Utilization: 168 E1-E4</p>		
11. Requirement: <u>257 PN</u> Adequate: <u>80 PN</u> Substandard: <u>0 PN</u>		
<p>PROJECT:</p> <p>This project will construct a new multi-story permanent bachelor enlisted quarters within the secured boundaries of the Naval Weapons Station. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate bachelor enlisted quarters are required to reduce the current deficiency of 165 billeting spaces at this Station. Completion of this project will eliminate the deficiency by providing a modern facility that complies with current Bachelor Housing construction standards.</p> <p>CURRENT SITUATION:</p> <p>Buildings 706 and 707 were built in 1953. Building 706 houses E1 to E4 personnel, and Building 707 houses the E5 to E9 personnel. These two BEQs cannot be physically upgraded to meet current standard criteria. Mechanical and electrical systems in the building are antiquated and inadequate and do not meet current energy standards. A concept layout, cost estimate, and an economic analysis have been conducted for these facilities and show that new construction is more economical than the renovation of existing facilities.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00109 NAVAL WEAPONS STATION YORKTOWN, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 532
<p>(...continued)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Enlisted personnel will continue to reside in inadequate quarters and be subjected to severe overcrowding. Leasing hotels and apartments is not economically feasible for a long-term solution. If this project is not accomplished, contracts will continue to be required with local hotels and apartments to provide permanent living spaces for enlisted personnel. This will result in personnel being housed in different locations, which will adversely affect morale and camaraderie. There will continue to be a deficiency of bachelor enlisted housing resulting in additional cost.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 387</p> <p>(B) All Other Design Costs..... 129</p> <p>(C) Total..... 516</p> <p>(D) Contract..... 129</p> <p>(E) In-House..... 387</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00109 NAVAL WEAPONS STATION YORKTOWN, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 532
<p>(...continued)</p> <p>(6) Construction Completion..... 04/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. FY 2001 Unaccompanied Housing Real Property Maintenance Conducted: \$148,000</p> <p>D. FY 2002 Unaccompanied Housing Real Property Maintenance Conducted: \$306,000</p> <p>E. Future Unaccompanied Housing Real Property Maintenance Requirements: \$4,413,000</p> <p>Activity POC: ENS JAMES EVANS Phone No: (757) 887-4516</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02																				
3. Installation and Location/UIC: N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON				4. Command STRATEGIC SYSTEMS PROGRAM OFFICE		5. Area Constr Cost Index 1.16																				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total																
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																	
	1,143	11,035	11,644	0	0	0	408	2,046	0	26,276																
	1,082	9,664	11,922	0	0	0	408	2,046	0	25,122																
7. INVENTORY DATA (\$000)																										
a. TOTAL ACREAGE (6,528.00)																										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 378,241.00																										
c. AUTHORIZATION NOT YET IN INVENTORY..... 10,450.00																										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 7,340.00																										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 608.00																										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 9,062.00																										
g. REMAINING DEFICIENCY..... 9,649.00																										
h. GRAND TOTAL..... 415,350.00																										
8. Projects Requested In This Program:																										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 45%;"></td> <td style="width: 15%; text-align: right;">Cost</td> <td style="width: 25%; text-align: right;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td style="text-align: right;"><u>Scope</u></td> <td style="text-align: right;"><u>(\$000)</u> <u>Start</u> <u>Complete</u></td> </tr> <tr> <td>212.77</td> <td>MISSILES SPARES STRG BLDG (29,999 SF)</td> <td style="text-align: right;">2,787 m2</td> <td style="text-align: right;">7,340 12/00 09/02</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td></td> <td style="text-align: right;">7,340</td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u> <u>Start</u> <u>Complete</u>	212.77	MISSILES SPARES STRG BLDG (29,999 SF)	2,787 m2	7,340 12/00 09/02	TOTAL			7,340
Category		Cost	Design Status																							
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u> <u>Start</u> <u>Complete</u>																							
212.77	MISSILES SPARES STRG BLDG (29,999 SF)	2,787 m2	7,340 12/00 09/02																							
TOTAL			7,340																							
9. Future Projects:																										
a. Included In The Following Program (FY 2004):																										
932.20	UTIL & SITE IMPVS (PH III)	0 LS	608																							
TOTAL			608																							
b. Major Planned Next Three Years:																										
421.72	SPECIAL WEAPONS MAGAZINES	0 LS	3,099																							
421.62	ENCLOSE MOTOR TRANSFER FAC	0 LS	5,963																							
TOTAL			9,062																							
c. Real Property Maintenance Backlog (\$000): \$ 9,690																										
10. Mission Or Major Functions:																										
<p>Provide support on west coast for the operational TRIDENT system of submarines and long range missiles, including processing capability for assembly and disassembly of both explosive and non-explosive components of the TRIDENT II (D-5) missile.</p> <p>Note: Block 6a and 6b personnel strength numbers are for Host Activity,</p>																										
(Continued On DD 1390C)																										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON		4. Command STRATEGIC SYSTEMS PROGRAM OFFICE	5. Area Constr Cost Index 1.16
<p>(...continued)</p> <p>SUBBASE, Bangor, Washington</p> <p>Note: The Block 7a and 7b is the Total Acreage number for SUBBASE, Bangor, Washington.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON			4. Project Title MISSILE SPARES STORAGE BUILDING		
5. Program Element 0101221N	6. Category Code 212.77	7. Project Number 965	8. Project Cost 7,340		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
MISSILE SPARES STORAGE BUILDING (29,999 SF)	m2	2,787	-	6,230	
MISSILE SPARES STORAGE BUILDING (29,999 SF)	m2	2,787	2,235	(6,230)	
SUPPORTING FACILITIES	LS	-	-	360	
UTILITIES	LS	-	-	(210)	
SITE IMPROVEMENTS	LS	-	-	(150)	

SUBTOTAL	-	-	-	6,590	
Contingency (5.0%)	-	-	-	330	

TOTAL CONTRACT COST	-	-	-	6,920	
Supervision Inspection & Overhead (6.0%)	-	-	-	420	

TOTAL REQUEST	-	-	-	7,340	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>This project constructs a reinforced concrete Missile Spares Storage Building (MSSB). The MSSB will have an interior clear height of 7.62 meters, will contain a covered loading dock, ramp, space for material handling, receiving, shipping, rack storage, classified storage and interior office space for MSSB personnel and will be provided with fire and lightning protection. The MSSB will be environmentally controlled and will be equipped with a 5 ton bridge crane.</p>					
11. Requirement: <u>2,787 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>					
PROJECT:					
This project provides a Missile Spares Storage Building. (New mission)					
REQUIREMENT:					
A Missile Spares Storage Facility is required to provide a central facility for storage, shipping, staging and issue of missile inert components in support of TRIDENT II (D5) missile production processing.					
CURRENT SITUATION:					
(Continued On DD 1391C)					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON		
4. Project Title MISSILE SPARES STORAGE BUILDING		7. Project Number 965
<p>(...continued)</p> <p>A TRIDENT II Supply Facility does not currently exist at this base. The Motor Spares Storage Building constructed to support the TRIDENT I (C4) program in 1976 collapsed in 1996, and the existing program uses existing production and storage facilities to support the TRIDENT I program.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Strategic Weapons Facility Pacific will be incapable of providing adequate storage and control of missile inert components and motors in support of TRIDENT II missile production and processing operations.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 392</p> <p>(B) All Other Design Costs..... 131</p> <p>(C) Total..... 523</p> <p>(D) Contract..... 327</p> <p>(E) In-House..... 196</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON		
4. Project Title MISSILE SPARES STORAGE BUILDING		7. Project Number 965
<p>(...continued)</p> <p>(6) Construction Completion..... 04/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR ROBERT SCHLESINGER Phone No: 360-396-4640</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02				
3. Installation and Location/UIC: N68436 NAVAL SUBMARINE BASE BANGOR, WASHINGTON				4. Command Commander in Chief Pacific Fleet		5. Area Constr Cost Index 1.16				
6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	a. As Of 9/30/01	1,143	11,035	11,644	0	0	0	408	2,046	0
b. End FY 2008	1,082	9,664	11,922	0	0	0	408	2,046	0	25,122
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (6,528.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 378,241.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 1,140.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 5,900.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 14,908.00										
g. REMAINING DEFICIENCY..... 378,196.00										
h. GRAND TOTAL..... 778,385.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u> <u>Start Complete</u>		
213.65	RELOC ENCUM WTRFRNT SHOPS (19,999 SF)					1,858 m2	5,900	12/00 03/03		
TOTAL							5,900			
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
171.50	SMALL ARMS TRAINING CENTER (55,305 SF)					5,138 m2	14,908			
TOTAL							14,908			
c. Real Property Maintenance Backlog (\$000): \$ 0										
10. Mission Or Major Functions:										
Supports the Trident Submarine Launched Ballistic Missile System by maintaining and operating facilities for administration and personnel support for operations of the submarine force. Provides logistics support to other activities in the area and acts as host for the following: Trident Submarine Squadron, Trident Refit Facility, Trident Training Facility, Strategic Weapons Facility, Pacific, Marine Corps Security Force.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N68436 NAVAL SUBMARINE BASE BANGOR, WASHINGTON			4. Project Title RELOCATE ENCUMBERED WATERFRONT SHOPS		
5. Program Element 0101228N	6. Category Code 213.65	7. Project Number 174	8. Project Cost 5,900		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
RELOCATE ENCUMBERED WATERFRONT SHOPS (19,999 SF)	m2	1,858	-	3,930	
WATERFRONT SHOPS (13,778 SF)	m2	1,280	1,832	(2,340)	
ADMINISTRATIVE (4,198 SF)	m2	390	1,996	(780)	
DIVE LOCKER (2,024 SF)	m2	188	2,259	(420)	
BUILT-IN EQUIPMENT	LS	-	-	(230)	
INFORMATION SYSTEMS	LS	-	-	(100)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(30)	
TECHNICAL OPERATING MANUALS	LS	-	-	(30)	
SUPPORTING FACILITIES	LS	-	-	1,190	
ELECTRICAL UTILITIES	LS	-	-	(290)	
MECHANICAL UTILITIES	LS	-	-	(190)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(160)	
DEMOLITION	LS	-	-	(400)	
ENVIRONMENTAL MITIGATION	LS	-	-	(150)	

SUBTOTAL	-	-	-	5,120	
Contingency (5.0%)	-	-	-	260	

TOTAL CONTRACT COST	-	-	-	5,380	
Supervision Inspection & Overhead (6.0%)	-	-	-	320	

SUBTOTAL	-	-	-	5,700	
DESIGN/BUILD - DESIGN COST	LS	-	-	200	

TOTAL REQUEST	-	-	-	5,900	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a concrete tilt-up building with fire protection and alarm system, data and communications (telephone, public address, central monitoring) cabling, to house seven shops/groups (Tile Setters; Towed Array Alignment; Sandblast and Painting Equipment Maintenance; Shipwright; Nuclear Freeze Shop; Divers; and Squadron 17 (Performance Monitoring Team)) that are being displaced from buildings near the Marginal Wharf.</p> <p>Utilities will consist of a new transformer, electrical and water service,</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N68436 NAVAL SUBMARINE BASE BANGOR, WASHINGTON		
4. Project Title RELOCATE ENCUMBERED WATERFRONT SHOPS		7. Project Number 174
<p>(...continued)</p> <p>sewage lift station, compressed air, and oil/water separator. Built-in equipment includes a 5-ton overhead bridge crane. The project will provide parking for 100 vehicles and a paved lay-down area to support the shops/groups. Four buildings will be demolished as part of this project totalling 1,692 square meters (18,210 square feet). The construction of this project will include anti-terrorism/force protection features.</p>		
<p>11. Requirement: <u>1,858 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs a building to house seven shops that are being displaced from their existing buildings due to the introduction of the D-5 missile to Naval Submarine Base Bangor, WA. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities are required to house the shops at the Marginal Wharf. With the introduction of the D-5 missile system, the explosive arc distances from the Explosive Handling Wharf (EHW) to other facilities will extend further out. The net explosive weight for the D-5 is greater than the net explosive weight for the C-4 missile. The complete Marginal Wharf complex will be encompassed by the explosive arc from the Explosive Handling Wharf. Therefore, no personnel will be permitted within that arc and the shops must be relocated before the introduction of the D-5, presently set for 1 July 2002.</p> <p>CURRENT SITUATION:</p> <p>Until this project is completed, personnel in the encumbered shops will have to cease work and vacate during D5 handling operations at the EHW, resulting in work delay and lost productivity.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The Department of Defense Explosive Safety Board (DDESB) will not permit the continued operations of the shops on or near the Marginal Wharf, within the arc generated by the D-5 missile being handled at the EHW. If this project is not completed, the buildings currently used for the shops/groups will have to be vacated during missile evolutions at a cost in lost work time. This explosive safety issue has to be addressed by relocating the shops/groups.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N68436 NAVAL SUBMARINE BASE BANGOR, WASHINGTON		
4. Project Title RELOCATE ENCUMBERED WATERFRONT SHOPS		7. Project Number 174
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 176</p> <p>(B) All Other Design Costs..... 59</p> <p>(C) Total..... 235</p> <p>(D) Contract..... 59</p> <p>(E) In-House..... 176</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: MR. GEORGE SHEPARD Phone No: (360)396-5013</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N68436 NAVAL SUBMARINE BASE BANGOR, WASHINGTON		
4. Project Title RELOCATE ENCUMBERED WATERFRONT SHOPS		7. Project Number 174
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM							2. Date 2/12/02			
3. Installation and Location/UIC: N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON					4. Command Naval Sea Systems Command			5. Area Constr Cost Index 1.16			
6. Personnel Strength											
		Permanent			Students			Supported			
		Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/01	504	5,806	8,369	0	0	0	375	2,012	0	17,066	
b. End FY 2008	402	4,260	9,933	0	0	0	375	2,012	0	16,982	
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE (1,590.00)											
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 455,727.00											
c. AUTHORIZATION NOT YET IN INVENTORY..... 71,030.00											
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 54,132.00											
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 29,075.00											
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 22,906.00											
g. REMAINING DEFICIENCY..... 178,710.00											
h. GRAND TOTAL..... 811,580.00											
8. Projects Requested In This Program:											
Category						Cost	Design Status				
<u>Code</u>	<u>Project Title</u>			<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>				
213.70	WATERFRONT SUPT FAC (74,056 SF)			6,880 m2	21,072	12/00	03/03				
* 831.15	INDUSTRIAL WASTE TRTMT FAC (7,750 SF)			720 m2	11,390	12/00	09/02				
730.25	AT/FP IMPROVEMENTS			0 LS	21,670	10/01	09/02				
TOTAL					54,132						
9. Future Projects:											
a. Included In The Following Program (FY 2004):											
213.70	CVN MAINTENANCE COMPLEX (61,462 SF)			5,710 m2	16,442						
218.20	CONSOLIDATED CRANE FACS (49,805 SF)			4,627 m2	12,633						
TOTAL					29,075						
b. Major Planned Next Three Years:											
213.52	PRODUCTION SHOP CNSLDTN (534,073 SF)			49,617 m2	4,753						
151.20	CVN MAINT PIER REPLACEMENT (196,205 SF)			18,228 m2	18,153						
TOTAL					22,906						

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON		4. Command Naval Sea Systems Command	5. Area Constr Cost Index 1.16
(...continued) c. Real Property Maintenance Backlog (\$000): \$ 0			
10. Mission Or Major Functions: Maintenance and overhaul of surface ships up to and including attack carriers, and attack and fleet ballistic missile submarines. Logistic support provided includes conversion, overhaul, repair, alterations, and drydocking of surface ships and modern submarines. The yard also provides support for air and submarine warfare weapon systems. Homeport to aircraft carrier and other homeported ships.			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 11 , 390 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON			4. Project Title WATERFRONT SUPPORT FACILITIES	
5. Program Element 0702096N	6. Category Code 213.70	7. Project Number 348	8. Project Cost 21,072	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATERFRONT SUPPORT FACILITIES (74,056 SF)	m2	6,880	-	14,980
BUILDING CONSTRUCTION (74,056 SF)	m2	6,880	2,074	(14,270)
INFORMATION DATA SYSTEMS	LS	-	-	(220)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(100)
BUILT-IN EQUIPMENT	LS	-	-	(290)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	3,430
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(260)
MECHANICAL UTILITIES	LS	-	-	(160)
ELECTRICAL UTILITIES	LS	-	-	(580)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(270)
DEMOLITION	LS	-	-	(2,010)
ENVIRONMENTAL MITIGATION	LS	-	-	(150)

SUBTOTAL	-	-	-	18,410
Contingency (5.0%)	-	-	-	920

TOTAL CONTRACT COST	-	-	-	19,330
Supervision Inspection & Overhead (6.0%)	-	-	-	1,162

SUBTOTAL	-	-	-	20,492
DESIGN/BUILD - DESIGN COST	LS	-	-	580

TOTAL REQUEST	-	-	-	21,072
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a three story metal frame building with a multi-purpose space, foldable acoustic partitions, project support spaces, forces afloat support areas (including temporary berthing), plus locker/shower facilities, and support space for civilian and military project support. Built-in equipment includes three jib cranes and air/water filtration bag house. Anti-terrorism/force protection features will be included. Special construction features include pile foundations and foundation relocation. Project will demolish five buildings totaling 3,019 square meters (32,483 square feet). Elimination of temporary/leased facilities totalling 728 square meters (7,836 sq ft). Total Infrastructure Reduction</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON		
4. Project Title WATERFRONT SUPPORT FACILITIES		7. Project Number 348
(...continued) = 3,747 square meters (40,319 sq ft).		
11. Requirement: <u>6,880 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: Project provides dedicated waterfront/drydock support facilities in two major work areas. (Current mission) REQUIREMENT: Adequate and properly located and configured facilities are required to provide shipyard shops support space adjacent to the drydocks and refit piers. The Shipyard's typical complement of ships in overhaul is one carrier, one combatant or auxiliary surface ship, one submarine in overhaul, and six submarine inactivations and/or disposals (recycling). Each of the major types of work generate light industrial shop and project material storage requirements, office space requirements (including contractors and military project managers), project briefing (300 person), conferencing space, office support space for computer center, classified storage, and personnel support space (lockers, showers, restrooms, lunch room) for production workers. These various types of functions must be collocated and the composite facilities must be located as close to the piers and dry docks as possible. CURRENT SITUATION: Adequate, permanent, waterfront support facilities and lay down areas adjacent to the dry dock areas of the Shipyard are severely lacking. Many of the buildings now used for waterfront support are old, antiquated, and poorly designed for the required workspace. Shipyard facilities are configured to support shipbuilding and battle damage repair while the major workload generators are ship inactivation, recycling, and nuclear propulsion maintenance. The change to project management has driven the need for facilities near dry docks and piers in order to achieve the full benefits of the new organizational approach to maintenance. Many of the smaller buildings and temporary structures, currently serving as waterfront support office facilities, are seriously deteriorated but still in use due to the absence of alternative options. Most sites provide no minor shop support area. This collection of buildings cannot provide necessary space, and lease costs for additional temporary structures are incurred. As a result of the temporary facilities provided, lay-down space for work accomplishment and staging is severely limited. Congestion		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON		
4. Project Title WATERFRONT SUPPORT FACILITIES		7. Project Number 348
<p>(...continued)</p> <p>around the dry docks increases safety concerns. The lack of space in close proximity to the dry docks causes multiple material handling. Components are sometimes damaged due to exposure to elements and absence of temperature controls. Currently, the project management is separated from the production employees. This separation generates inefficiency in production. There is no available area for project managers to brief large numbers of employees on critical topics such as project testing requirements, safety and environmental concerns. Production employee and forces afloat duty section personnel quality of life is poor because of limited locker and restroom facilities. In most cases toilet facilities are provided through the use of portable units.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The Shipyard will be unable to effectively perform the overhaul and repair work and nuclear support work in an efficient manner. This will lead to higher costs, adverse effects on employees' productivity and morale, and could ultimately affect Fleet readiness. The Shipyard will continue to expend base money repairing facilities that are not efficient for operations and for energy. Potential savings in maintenance, utilities, material and personnel movement, personnel efficiency and avoided leasing costs from this project will not be unrealized. The waterfront area will remain cluttered with temporary shacks and small, deteriorated structures due to a lack of adequate, flexible, permanent facilities. Customer concerns for a quality of life area near ships for force afloat will not be addressed.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON		
4. Project Title WATERFRONT SUPPORT FACILITIES		7. Project Number 348
<p>(...continued)</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 563</p> <p>(B) All Other Design Costs..... 188</p> <p>(C) Total..... 751</p> <p>(D) Contract..... 188</p> <p>(E) In-House..... 563</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR MICHAEL PUNTENNEY Phone No: (360) 476-9406</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON			4. Project Title INDUSTRIAL WASTE TREATMENT FACILITY		
5. Program Element 0702096N	6. Category Code 831.15	7. Project Number 350	8. Project Cost 11,390		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
INDUSTRIAL WASTE TREATMENT FACILITY (7,750 SF)	m2	720	-	6,740	
BUILDING ADDITION (7,750 SF)	m2	720	2,469	(1,780)	
BUILT-IN EQUIPMENT (PROCESS EQUIPMENT)	LS	-	-	(3,490)	
PROCESS MECHANICAL UTILITIES	LS	-	-	(740)	
PROCESS ELECTRICAL UTILITIES	LS	-	-	(540)	
DATA INFORMATION SYSTEMS	LS	-	-	(70)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(50)	
TECHNICAL OPERATING MANUALS	LS	-	-	(70)	
SUPPORTING FACILITIES	LS	-	-	3,500	
MECHANICAL UTILITIES	LS	-	-	(260)	
ELECTRICAL UTILITIES	LS	-	-	(110)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(370)	
DEMOLITION	LS	-	-	(2,520)	
ENVIRONMENTAL MITIGATION	LS	-	-	(240)	

SUBTOTAL	-	-	-	10,240	
Contingency (5.0%)	-	-	-	510	

TOTAL CONTRACT COST	-	-	-	10,750	
Supervision Inspection & Overhead (6.0%)	-	-	-	640	

TOTAL REQUEST	-	-	-	11,390	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>A two-story steel frame and concrete addition to Building #873; renovation of a portion of Building #873; industrial pretreatment equipment adjacent to the metal plating process source: (process piping, utilities); paving and site improvements. Built-in equipment includes gravity oil water separator, chemical precipitation tanks, cyanide destruction tank, chelated metals treatment tank, and sludge dewatering press. Anti-terrorism/force protection features will be included. Demolition of existing industrial waste treatment facility, collection pipe lines, and 15 underground concrete storage and treatment tanks. Environmental mitigation includes cleanup of contaminated soils.</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON		
4. Project Title INDUSTRIAL WASTE TREATMENT FACILITY		7. Project Number 350
<p>(...continued)</p> <p>11. Requirement: <u>720 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Provides a new, state-of-the-art point-of-source industrial waste pretreatment facility which more closely matches the production waste stream being generated by the Shipyard metal preparation and other process source facilities. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate and properly configured industrial waste pretreatment equipment and holding tanks are required to handle industrial waste streams at the source. Project will replace an inefficient and costly large scale batch process system with more efficient process equipment.</p> <p>CURRENT SITUATION:</p> <p>Toxic industrial waste is leaking from waste transfer lines and holding tanks. The current industrial waste pretreatment facility, constructed in 1974, is a stand alone concrete building and consists of a lower (underground) and an upper level. It manages the bulk of the industrial waste load for Puget Sound Naval Shipyard. The lower level contains three (30,000 gallons) chrome reduction tanks, three (30,000 gallons) cyanide oxidation tanks, a large (220,000-gallon) miscellaneous waste holding tank, and a final (150,000-gallon) effluent tank. The lower level tanks are PVC-lined, rectangular concrete with columns throughout to support the concrete floor above. Most of the PVC liners leak or have overflowed into the concrete containment areas or behind the liners. Some of the underground tanks have cracks and would leak without the liners. Current liner designs are extremely difficult to seal because of the complex geometry and support columns that penetrate the tanks. Tank liner leaks are virtually impossible to detect and locate. Three individual 1,280 feet waste-transfer pipelines transport the metal preparation effluent to the current industrial waste pretreatment facility. The leak detection system in the waste transfer pipelines has not been operable since installation in 1989. The waste transfer pipelines from the sheet metal shop, the pipe/boiler shop, and the electrical shop are single-walled and have no leak detection. Continuous waste reduction improvements and a recent upgrade of the Shipyard's electroplating facility have eliminated the need for a large facility, and the current plant is running at about 15 percent of design capacity.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON		
4. Project Title INDUSTRIAL WASTE TREATMENT FACILITY		7. Project Number 350
<p>(...continued)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, the existing industrial wastewater pretreatment facility and transfer lines will continue to degrade. Waste transfer lines and tanks will continue to leak causing an environmental release of toxic industrial waste. Facility deterioration will reach a point where shut down will be required. If this happens, unprocessed waste would have to be hauled off-yard for processing and disposal at a conservative cost of approximately \$1.9 million per year.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 12/01</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 678</p> <p>(B) All Other Design Costs..... 226</p> <p>(C) Total..... 904</p> <p>(D) Contract..... 565</p> <p>(E) In-House..... 339</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 04/05</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON		
4. Project Title INDUSTRIAL WASTE TREATMENT FACILITY		7. Project Number 350
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR MICHAEL PUNTENNEY Phone No: (360) 476-9406</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON			4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	
5. Program Element 0702096N	6. Category Code 730.25	7. Project Number 903	8. Project Cost 21,670	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS	LS	-	-	19,470
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(17,260)
LAND ACQUISITION AND TENANT RELOCATION	LS	-	-	(2,210)
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	19,470
Contingency (5.0%)	-	-	-	970

TOTAL CONTRACT COST	-	-	-	20,440
Supervision Inspection & Overhead (6.0%)	-	-	-	1,230

TOTAL REQUEST	-	-	-	21,670
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Project proposes various security additions such as installation of perimeter/security fencing with arresting cables, boundary identification markers/systems, physical barriers, security platforms, high-intensity lighting, blast resistant window glazing, waterfront guard towers, improved communication systems, vehicular and personnel entry-control facilities (including permanent remotely-controlled 'pop-up' barriers, proper stacking lanes for vehicles, specially-demarcated adjoining areas and projectile resistant guard kiosks), security fencing with heightened vehicular crash-through mitigation features, perimeter and patrol roads. This project constructs a multi-level parking structure to accommodate approximately 1,000 vehicles. The construction will include a multi-story reinforced concrete structure with concrete masonry unit centerline walls; a brick veneer exterior and concrete foundations and floors; and a standing seam metal roof. The facility will contain a set of stairs at each end of the facility. The project will relocate existing utilities and provide connections for storm sewer, firemain water and electricity. Provide site improvements including road realignment, sidewalks, fencing, lighting and landscaping. Acquire interests in approximately 1.4 acres of land to obtain proper standoff distance and provide relocation assistance. Existing design will be site adapted.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON		
4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS		7. Project Number 903
<p>(...continued)</p> <p>11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u></p> <p>PROJECT:</p> <p>This project proposes security improvements that provide or enhance anti-terrorism and force protection features at Puget Sound Naval Shipyard to protect our peacetime, warfighting, and training assets (ships, submarines, aircraft, personnel, facilities, and infrastructure) and capabilities from obvious and specious attacks or infiltrations. The project will ensure that Puget Sound Naval Shipyard can continue to perform its primary mission of ship repair and maintenance. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities are required to deal with a variety of threats to the installation, to Naval personnel, and to Naval platforms that are present at the installation. These threats can be deployed from the air, water (surface and submerged), and land. Before September 11, 2001 the perceived threat at CONUS locations was generally considered low to moderate. To protect these assets, various physical, electronic, and operational security improvements are required at many CONUS locations. In addition to any projects for stand alone improvements there is a need to upgrade the level of protection already designed into the FY2001 and FY2002 military construction projects under the lower threat conditions. The parking structure will accommodate approximately 591 spaces displaced from the industrial area and approximately 509 Shipyard-related spaces displaced from Naval Station Bremerton contiguous to the Shipyard.</p> <p>CURRENT SITUATION:</p> <p>The perimeter of Puget Sound Naval Shipyard is vulnerable to potential terrorism threats. The Shipyard lacks the physical security features described in Item 10 above (Description of Proposed Construction) necessary to hinder or mitigate potential terrorist actions or breaches in security. Tough operational security measures have significantly disrupted parking patterns outside of the shipyard and adversely impact the Bremerton community. Counter terrorism actions have eliminated shipyard rooftop and overhang parking at Buildings 850A, 850, and 940. 'The enhanced security measures are clearly increasing the parking challenges in the city. We expect more problems as time goes by.' said Luke Korpi, managing engineer for transportation for the city of Bremerton.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON		
4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS		7. Project Number 903
<p>(...continued)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Potential crippling of Naval forces or capabilities; potential injury or loss of life and damage to vessels, aircraft, facilities/infrastructure; potential undermining of morale among our forces and the general U.S. public; potential undermining of international perception of U.S. forces specifically, and U.S. priorities in general; high cost of rescue, clean-up and recovery after a terrorist attack. Continued disruption of the neighboring community due to tough security measures impacting traffic and parking.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 10/01</p> <p>(B) Date Design 35% Complete..... 03/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 15%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 1159</p> <p>(B) All Other Design Costs..... 386</p> <p>(C) Total..... 1545</p> <p>(D) Contract..... 966</p> <p>(E) In-House..... 579</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00251 PUGET SOUND NAVAL SHIPYARD BREMERTON, WASHINGTON		
4. Project Title ANTI-TERRORISM/FORCE PROTECTION IMPROVEMENTS		7. Project Number 903
<p>(...continued)</p> <p>(6) Construction Completion..... 08/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR MICHAEL PUNTENNEY Phone No: (360) 476-9406</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N32416 NAVAL STATION BREMERTON, WASHINGTON						4. Command Commander In Chief, Pacific Fleet			5. Area Constr Cost Index 1.16	
6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	a. As Of 9/30/01	1,143	11,035	11,644	0	0	0	440	2,102	0
b. End FY 2008	1,082	9,964	11,922	0	0	0	440	2,102	0	25,510
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (6,528.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 378,241.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 43,670.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 145,710.00										
g. REMAINING DEFICIENCY..... 135,040.00										
h. GRAND TOTAL..... 702,661.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>						
				<u>Start</u>	<u>Complete</u>					
721.11	BEQ (SHIPBOARD ASHORE) (176,420 SF)	16,390 m2	35,120	12/00	03/03					
841.10	WATERFRONT REVITALIZATION (8,407 SF)	781 m2	8,550	12/00	03/03					
TOTAL			43,670							
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
721.11	BACHELOR ENLISTED QUARTERS (110,373 SF)	10,254 m2	20,099							
721.11	BEQ SHIPBD SAILORS ASHORE (110,373 SF)	10,254 m2	36,175							
411.30	REPLACE VARIOUS FUEL FACS	0 LS	5,347							
159.10	WATERFRONT SUPPORT FAC	0 LS	9,937							
721.11	BEQ SHIPBD SAILORS ASHORE (110,373 SF)	10,254 m2	20,099							
730.80	PARKING GARAGE	0 SF	19,269							
911.10	LAND PURCHASE/BUFFER ZONE	0 AC	34,784							
TOTAL			145,710							
(Continued On DD 1390C)										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N32416 NAVAL STATION BREMERTON, WASHINGTON		4. Command Commander In Chief, Pacific Fleet	5. Area Constr Cost Index 1.16
<p>(...continued)</p> <p>c. Real Property Maintenance Backlog (\$000): \$ 67,924</p>			
<p>10. Mission Or Major Functions:</p> <p>Naval Station Bremerton provides harbor and waterfront facilities, exchange, personnel support, athletic, recreational, berthing, messing, morale, and other logistics facilities. It is homeport to one CVN and four AOE's and is adjacent to Puget Sound Naval Shipyard in the Bremerton Naval Complex.</p> <p>Note: The Block 6a and 6b Personnel Strength numbers and the Block 7a and 7b Total Acreage are for the Host Activity N68436 SUBBASE, Bangor, WA</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON			4. Project Title BACHELOR ENLISTED QUARTERS (SHIPBOARD ASHORE)		
5. Program Element 0702028N	6. Category Code 721.11	7. Project Number 301	8. Project Cost 35,120		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS (SHIPBOARD ASHORE (176,420 SF)	m2	16,390	-	22,000	
BACHELOR ENLISTED QUARTERS (99,459 SF)	m2	9,240	1,784	(16,480)	
PARKING GARAGE (275 AUTOS) (76,962 SF)	m2	7,150	499	(3,570)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,090)	
INFORMATION SYSTEMS	LS	-	-	(300)	
BUILT-IN EQUIPMENT	LS	-	-	(360)	
TECHNICAL OPERATING MANUALS	LS	-	-	(200)	
SUPPORTING FACILITIES	LS	-	-	8,460	
ELECTRICAL UTILITIES	LS	-	-	(2,950)	
MECHANICAL UTILITIES	LS	-	-	(2,780)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,730)	

SUBTOTAL	-	-	-	30,460	
Contingency (5.0%)	-	-	-	1,520	

TOTAL CONTRACT COST	-	-	-	31,980	
Supervision Inspection & Overhead (6.0%)	-	-	-	1,920	

SUBTOTAL	-	-	-	33,900	
DESIGN/BUILD - DESIGN COST	LS	-	-	1,220	

TOTAL REQUEST	-	-	-	35,120	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>The construction will include a seven-story reinforced concrete structure with concrete masonry unit (CMU) centerline walls; metal stud partition walls with brick veneer exterior; concrete foundations and floors; standing seam metal roof; and double glazed, insulated, aluminum framed windows. Project provides 132 '1+1' standard modules each with a semi-private bath, two sleeping/living areas, two closets per room, and a kitchenette/food service area. The project includes utilities, fire protection systems, and built in equipment such as elevators. A heating, ventilation, and air conditioning (HVAC) system will be installed to include air conditioning, continuous exhaust, and conditioned make up air. The building will contain cable TV, computer modem and telephone hook ups.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title BACHELOR ENLISTED QUARTERS (SHIPBOARD ASHORE)		7. Project Number 301
<p>(...continued)</p> <p>Technical operating manuals will be provided. Anti-terrorism/force protection features will be included.</p> <p>This is the first bachelor enlisted quarters (BEQ) of a planned complex of multiple BEQs and a shared parking garage. In addition to the BEQ described above, this project will design a multi-level parking garage to accommodate the final complex requirement of 1,056 spaces. However, this project will only construct 275 automobile parking spaces in the new parking garage. The parking garage will have gates and electronic entry controls which will be provided by this project.</p> <p>Electrical utilities for the complex include upgrading the existing eight megawatt infrastructure to 16 megawatt capacity. This requires a new duct bank and wiring from Substation H to Substation FG. This upgrade is split between this project and the second BEQ project for the complex. This project will also supply a new substation for the BEQ complex.</p> <p>Water utilities for the complex will include two looped 8'' water mains to serve fire hydrants, an 8'' fire main extension from an existing fire pump for building sprinklers, and a 6'' looped water main extension tied into the existing water booster main. The other two projects when completed will result in an on-site looped water system for the complex.</p> <p>This project will replace the existing steam/heat piping with a 4'' steam line and 3'' condensate line in a new duct. The project will provide steam to the BEQ. The other projects when completed will result in an on-site looped steam system for the complex.</p> <p>The Sanitary Sewer system is at capacity and the requirements for the BEQ will overload existing receiving basin. This project and the second BEQ project will replace existing piping, from the site to the lift station, with piping sized for the total requirements of the complex.</p> <p>Storm Sewer requirements for this project will overload the existing piping to the receiving basin, which is currently operating at capacity. This project will replace only that piping necessary to meet the requirements for this project. The other BEQ projects will replace additional piping as required.</p> <p>Intended Grade Mix: 264 E1-E4 Maximum Utilization: 264 E1-E4</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title BACHELOR ENLISTED QUARTERS (SHIPBOARD ASHORE)		7. Project Number 301
<p>(...continued)</p> <p>11. Requirement: <u>899 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>This project provides Bachelor Enlisted Quarters (BEQ) for E1-E4(<4 years) and associated parking structure. (Current mission)</p> <p>REQUIREMENT:</p> <p>Sufficient adequate and efficiently configured housing is required for enlisted personnel attached to ships homeported at Naval Station Bremerton. The Bremerton Naval Complex currently serves two primary missions. The first mission and the one with the oldest tradition is that of a shipyard. At Puget Sound Naval Shipyard the typical complement of ships in overhaul is one carrier, one combatant or auxiliary surface ship, one submarine in overhaul and six submarine inactivations and/or disposals (Recycling).</p> <p>The Bremerton Naval Complex's other mission is to serve as homeport to one CVN and four AOE's.</p> <p>CURRENT SITUATION:</p> <p>The Bremerton Naval Complex currently has a shortage of E1-E4(<4 years) bachelor enlisted quarters. To ease the shortage, the Bremerton Naval Complex has leased rooms at various hotels and motels within a 50 mile radius of the Bremerton Naval Complex. These rooms cost on average \$45/room/day. In addition, transportation must be provided from these extended sites located in the Cities of Tacoma and Fife. A comprehensive Bachelor Housing Plan was prepared for the Bremerton Naval Complex. Utilizing the current criteria for housing transient personnel and all the bachelor housing resources available, the Bremerton Complex still has a housing deficit for E1-E4 Sailors with less than four years.</p> <p>The Chief of Naval Operations (CNO) initiative to house single Sailors on shore vice onboard ship further exacerbates an already critical shortfall in available berthing spaces and cannot be met with the resources currently available.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The Bremerton Naval Complex will continue to have a shortage of BEQ space</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title BACHELOR ENLISTED QUARTERS (SHIPBOARD ASHORE)		7. Project Number 301
<p>(...continued)</p> <p>available for the permanent party E1-E4 (<4 years) currently stationed onboard homeported ships at Bremerton. Facilities required to provide the required living conditions essential to morale, quality of life, and retention of trained personnel will be inadequate to meet the present and future needs of Fleet personnel. With the current resources available, the Bremerton Naval Complex will be unable to comply with the CNO initiative to house single Sailors on shore vice onboard ship.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 906</p> <p>(B) All Other Design Costs..... 302</p> <p>(C) Total..... 1208</p> <p>(D) Contract..... 302</p> <p>(E) In-House..... 906</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/04</p> <p>B. Equipment associated with this project which will be provided from</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title BACHELOR ENLISTED QUARTERS (SHIPBOARD ASHORE)		7. Project Number 301
<p>(...continued)</p> <p>other appropriations: NONE.</p> <p>C. FY 2001 Unaccompanied Housing Real Property Maintenance Conducted: \$5,244,000</p> <p>D. FY 2002 Unaccompanied Housing Real Property Maintenance Conducted: \$3,419,000</p> <p>E. Future Unaccompanied Housing Real Property Maintenance Requirements: \$3,578,000</p> <p>Activity POC: JOSEPH TOMKO Phone No: (360) 476-2428</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON			4. Project Title WATERFRONT REVITALIZATION	
5. Program Element 0702028N	6. Category Code 841.10	7. Project Number 312	8. Project Cost 8,550	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATERFRONT REVITALIZATION (8,407 SF)	m2	781	-	5,670
SHORE POWER PIER C/NEW SUBSTATION 22	LS	-	-	(3,300)
SUBSTATION 83 DUAL ELECT FEED	LS	-	-	(1,400)
RENOVATE REGIONAL PORT OPS BUILDING (8,407 SF)	m2	781	1,216	(950)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	1,750
PAVING AND SITE IMPROVEMENTS	LS	-	-	(790)
SUPPORTING UTILITIES	LS	-	-	(620)
WATERFRONT SECURITY LIGHTING	LS	-	-	(220)
ENVIRONMENTAL MITIGATION	LS	-	-	(120)

SUBTOTAL	-	-	-	7,420
Contingency (5.0%)	-	-	-	370

TOTAL CONTRACT COST	-	-	-	7,790
Supervision Inspection & Overhead (6.0%)	-	-	-	470

SUBTOTAL	-	-	-	8,260
DESIGN/BUILD - DESIGN COST	LS	-	-	290

TOTAL REQUEST	-	-	-	8,550
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project consists of four major elements which will revitalize the waterfront at the Bremerton Naval Complex. First, construction of a substation consisting of one 7500KV transformer, one 5000KV transformer, concrete transformer pad, shore power distribution cables, pierside receptacles and remote monitoring. It also includes the replacement of existing switchgear and transformers at Substation 22 and demolition of the temporary shore power system. Environmental mitigation includes soil mitigation related to trenching. Second, construction of a second aircraft carrier shore power 20 MVA feed at Substation 83 consisting of a 20 MVA transformer, concrete transformer pad, power distribution cables/conduit system, control metering and structural renovations in Substation 83. Third, renovation of Building 515, formerly a warehouse,</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title WATERFRONT REVITALIZATION		7. Project Number 312
<p>(...continued)</p> <p>to accommodate Regional Port Operations. The renovated area will consist of office space for the Regional Port Operations Program Office and the Bremerton storefront administrative activities, shop space and shop related material storage and handling space to support waterfront operations. The project upgrades mechanical and electrical utilities to support the additional load of the port operations facility; installs a handicapped access toilet, installs a separation wall for fire code compliance, and upgrades interior and exterior lighting. Fourth, installation of new security lighting pierside and along the waterfront and resurfacing of the pierdeck at Pier C.</p>		
11. Requirement: <u>781 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: This project constructs a new shore power system on Pier C and redundant shore power to Drydock 6, renovates existing facility, Building 515, to support Regional Port Operations, installs new security lighting pierside and along the waterfront, and resurfaces the pierdeck at Pier C. (Current mission) REQUIREMENT: Adequate and reliable electrical utilities are required to the ships berthed at Pier C. Pier C is available as a berth for many types of vessels. Both the Naval Station and the Shipyard, in supporting their primary missions, utilize Pier C. It is the only available general-purpose pier available in the region, which does not have a dedicated homeported ship assigned to it. Pier C, one of only two piers at Naval Station Bremerton has been fully utilized on the average of 327 days/year for the last two years. Current projections indicate the pier will continue to be fully utilized, including providing berthing for a nuclear powered submarine. Naval Station Bremerton is responsible for providing adequate electrical power to the Shipyard. The existing electrical distribution system serving Drydock 6 is vulnerable to a single point failure which would remove all shore power from the ship and force it to rely on ships back up electrical generation source. A parallel electrical distribution system supplying a nuclear aircraft carrier during overhaul is highly desirable. Recent designs, like North Island, include a redundant system to supply electrical power to a carrier during major overhaul, maintenance and repairs.		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title WATERFRONT REVITALIZATION		7. Project Number 312
<p>(...continued)</p> <p>CURRENT SITUATION:</p> <p>The electrical utilities on Pier C were originally constructed in 1942. In 1992 temporary upgrades were performed to the shore power equipment on the pier to accommodate the homeporting of two CGNs until permanent improvements could be completed. The temporary shore power arrangement has proven to be unreliable, resulting in numerous unscheduled outages since 1992, related to material failure.</p> <p>The installation of the temporary system does not meet National Electrical Code (NEC) requirements for the intended long-term use of the facility. The temporary arrangement, consisting of portable electrical equipment, wooden cable trays, and temporary wooden equipment enclosures, clutters the pier deck and hinders normal operations. Inspections of the electrical system have resulted in several documented NEC violations and personnel safety violations. The Bremerton Naval Complex needs permanent electrical equipment at Pier C to provide normal, reliable shore power service to homeported and visiting ships and the auxiliary vessels used by the Complex.</p> <p>The electrical utilities on Dry Dock 6 were originally constructed without a redundant electrical service. The existing system has one point of electrical service to the ship. Currently a 20 MVA portable transformer is connected to the existing substation during carrier maintenance/repair or overhaul. The ship is connected fore and aft to the shore power electrical system through a series of outboard boxes and portable shore power cables. However, the point of connection for the primary substation is through a single primary feeder, which provides primary protection and isolation. Therefore a single primary feed and not the required redundant feed is provided at Dry Dock 6.</p> <p>The administrative portion of Port Operations has already been consolidated into Building 515 but the shop portion remains on a refurbished barge. The barge does not have adequate space and equipment to perform all needed shop functions. This leads to contracting work out that could be performed in-house. However, conversion of Building 515 to accommodate a Port Operations shop function is limited by the electrical and mechanical systems, which are at full capacity, and by building code deficiencies which currently exist for the building.</p> <p>The existing security lighting at Pier C and along the waterfront is inadequate and deteriorated. In some areas there is no security lighting.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title WATERFRONT REVITALIZATION		7. Project Number 312
<p>(...continued)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The Bremerton Naval Complex will continue to utilize a deteriorating and unreliable electrical service at Pier C. Pier operations will continue to be impacted by electrical equipment and wooden cable trays on the pier deck. Repair costs will increase with continued degradation of the existing temporary electrical equipment. Limited equipment resources will continue to be used to provide long term electrical service at the pier.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 221</p> <p>(B) All Other Design Costs..... 74</p> <p>(C) Total..... 295</p> <p>(D) Contract..... 74</p> <p>(E) In-House..... 221</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/04</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title WATERFRONT REVITALIZATION		7. Project Number 312
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: JOSEPH TOMKO Phone No: (360) 476-2428</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N32013 NAVAL MAGAZINES PORT HADLOCK, WASHINGTON						4. Command Commander in Chief, Pacific Fleet			5. Area Constr Cost Index 1.27	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	1,143	11,035	11,644	0	0	0	440	2,102	0	26,364
	1,082	9,664	11,922	0	0	0	440	2,102	0	25,210
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (6,528.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 378,241.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 3,440.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 4,030.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 2,444.00										
g. REMAINING DEFICIENCY..... 92,575.00										
h. GRAND TOTAL..... 480,730.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u> <u>Start</u> <u>Complete</u>		
152.10	AMMO WHARF IMPROVEMENTS					0 LS	4,030	12/00 03/03		

TOTAL							4,030			
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
425.10	OPEN AMMUNITION STRG PAD					0 SY	2,444			

TOTAL							2,444			
c. Real Property Maintenance Backlog (\$000): \$ 0										
10. Mission Or Major Functions:										
Note: Block 6a and 6b Personnel Strength numbers and Block 7a and 7b Total Acreage are for the Host UIC N68436 SUBBASE, Bangor, WA										
Provide ordnance logistics services to U.S. Armed Forces in the Pacific Command, and serve as a key element of the West Coast Ammunition Port Complex for transshipment of containerized ammunition.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N32013 NAVAL MAGAZINE PORT HADLOCK, WASHINGTON			4. Project Title AMMUNITION WHARF IMPROVEMENTS	
5. Program Element 0702096N	6. Category Code 152.10	7. Project Number 328	8. Project Cost 4,030	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
AMMUNITION WHARF IMPROVEMENTS	LS	-	-	2,880
SOUTH ACCESS PIER	LS	-	-	(2,690)
UPGRADE MOORING BOLLARDS	LS	-	-	(110)
POTABLE WATER CHLORINATOR	LS	-	-	(80)
SUPPORTING FACILITIES	LS	-	-	620
ELECTRICAL UTILITIES	LS	-	-	(50)
MECHANICAL UTILITIES	LS	-	-	(70)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(120)
ARCHEOLOGICAL PROTECTION	LS	-	-	(70)
ENVIRONMENTAL MITIGATION	LS	-	-	(280)
DEMOLITION	LS	-	-	(30)

SUBTOTAL	-	-	-	3,500
Contingency (5.0%)	-	-	-	180

TOTAL CONTRACT COST	-	-	-	3,680
Supervision Inspection & Overhead (6.0%)	-	-	-	210

SUBTOTAL	-	-	-	3,890
DESIGN/BUILD - DESIGN COST	LS	-	-	140

TOTAL REQUEST	-	-	-	4,030
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Constructs a new access pier connecting the south end of the existing ammunition wharf to the shore, provides larger capacity mooring bollards for the south end of the wharf, and constructs a chlorinator for the potable water system which supports visiting ships. Includes provisions for environmental mitigation and an on-site archeologist during on-shore construction. Project also includes cost impacts due to ship visits to onload/offload ordnance and delays of inwater work due to fish windows for Pacific Herring, Sandlance, and Surf Smelt spawning, and juvenile salmonid migration.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32013 NAVAL MAGAZINE PORT HADLOCK, WASHINGTON		
4. Project Title AMMUNITION WHARF IMPROVEMENTS		7. Project Number 328
<p>(...continued)</p> <p>11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u></p> <p>PROJECT:</p> <p>This project constructs a new access pier connecting the south end of the existing ammunition wharf to the shore. (Current mission)</p> <p>REQUIREMENT:</p> <p>A new south access pier to the wharf is required to facilitate truck traffic during concurrent ship evolutions. This project provides larger capacity mooring bollards in order to safely moor AOE's at the south end of the wharf. It also constructs a chlorinator in order to increase residual chlorine levels to Navy Bureau of Medicine (BUMED) standards so that potable water can be supplied to visiting ships. The number and variety of ships homeported in Navy Region Northwest has increased since the pier was constructed. Currently Indian Island provides explosive ordnance onload/offload services for two aircraft carriers, seven AOE/AE/TAEs, four destroyers, three frigates, five Coast Guard cutters, and various container ships and barges. A 1,125-ton rail-mounted portal crane capable of handling 20 and 40 foot long standard shipping containers has recently been added to the north berth of the wharf in order to support transshipment of containerized ammunition. This capability was required to support Port Hadlock's joint services mobilization mission, which is a throughput of 200 containers per day. Heavier bollards are required to safely moor an AOE at the south end of the wharf when concurrent berthing of a container ship, CVN, or another AOE occurs at the north end of the wharf.</p> <p>CURRENT SITUATION:</p> <p>Vehicle and material handling equipment traffic congestion occurs at the wharf during concurrent ship evolutions. Congestion creates unsafe working conditions because trucks unloading at the south berth are forced to make a complicated U-turn at the south end of the wharf and then maneuver around other trucks and ordnance handling operations in order to exit at the north end of the wharf. During concurrent ship evolutions, congestion at the south end of the pier causes a loss of 155 ordnance handling man-hours per evolution, plus the ship must stay tied up an extra day. Safety and efficiency are compromised in this type of situation. Damage to ships and the wharf may occur due to excessive loading of existing light bollards. Potable water that meets BUMED standards is not</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32013 NAVAL MAGAZINE PORT HADLOCK, WASHINGTON		
4. Project Title AMMUNITION WHARF IMPROVEMENTS		7. Project Number 328
<p>(...continued) available to ships.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The ammunition wharf will continue to experience traffic congestion during concurrent ship evolutions, light mooring bollards will not be able to safely moor larger ships, and potable water that meets BUMED standards will not be available to ships. The accomplishment of ordnance onloads and offloads in support of Pacific Fleet requirements will be adversely impacted. This will increase costs and turn around time, affecting the performance of the Pacific Fleet and the safety of its personnel.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 104</p> <p>(B) All Other Design Costs..... 35</p> <p>(C) Total..... 139</p> <p>(D) Contract..... 35</p> <p>(E) In-House..... 104</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N32013 NAVAL MAGAZINE PORT HADLOCK, WASHINGTON		
4. Project Title AMMUNITION WHARF IMPROVEMENTS		7. Project Number 328
<p>(...continued)</p> <p>(6) Construction Completion..... 04/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: Cdr Phil Beierl Phone No: (360) 396-5227</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Joint use construction is recommended.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02				
3. Installation and Location/UIC: N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON				4. Command Commander in Chief Pacific Fleet		5. Area Constr Cost Index 1.27				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	1,139	6,332	689	0	0	0	33	42	0	8,235
	1,293	7,127	906	0	0	0	66	84	0	9,476
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (71,059.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 358,790.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 1,100.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 9,180.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 43,520.00										
g. REMAINING DEFICIENCY..... 180,045.00										
h. GRAND TOTAL..... 592,635.00										
8. Projects Requested In This Program:										
Category										
Cost Design Status										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>					
121.10	A/C DIRECT REFUELING FAC	0 LS	9,180	12/00	03/03					
TOTAL			9,180							
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
None										
b. Major Planned Next Three Years:										
141.25	STRUC ACFT/FIRE STA ADDN	4,682 SF	2,773							
211.03	CORROSION CONTROL HANGAR	0 LS	14,311							
211.04	WASHRACK (INDOOR)	0 LS	9,044							
610.10	ADMINISTRATIVE OFFICE (52,808 SF)	4,906 m2	17,392							
TOTAL			43,520							
c. Real Property Maintenance Backlog (\$000): \$ 66,395										
10. Mission Or Major Functions:										
<p>Maintain and operate facilities and provide services and material to support operations of aviation activities of the Pacific Fleets. Homeport to all of the Navy's electronic countermeasures aircraft, the EA-6B Prowler, which are vital to our nation's defense. With the retirement of the Air Force EF-111, the Air Force and Navy have been working jointly to establish five expeditionary squadrons manned by personnel from both services who train and</p>										

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 1.27
<p>(...continued)</p> <p>are home-based at Whidbey. Also located at Whidbey are the P-3C Orion patrol aircraft, the EP-3E Aries II fleet air reconnaissance aircraft, and a Search and Rescue Unit flying the UH-3H helicopter and the UC-12B aircraft for fleet logistic support. In total, there are 19 active duty squadrons currently based on Whidbey Island.</p> <p>NAS Whidbey is also the center of activity for Naval Air Reserves in the region. One reserve patrol squadron flying the P-3C and one Fleet Logistic Support squadron flying the C-9 aircraft are also located at Whidbey.</p> <p>NAS Whidbey has over 50 tenant commands providing training, medical and dental, and other support services including a Marine Aviation Training Support Group for Whidbey's Marines.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON			4. Project Title AIRCRAFT DIRECT REFUELING FACILITY	
5. Program Element 0204696N	6. Category Code 121.10	7. Project Number 157	8. Project Cost 9,180	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
AIRCRAFT DIRECT REFUELING FACILITY	LS	-	-	5,690
REFUELING FACILITY	LS	-	-	(5,630)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
SUPPORTING FACILITIES	LS	-	-	2,270
ELECTRICAL UTILITIES	LS	-	-	(250)
MECHANICAL UTILITIES	LS	-	-	(520)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(350)
CONTAMINATED SOILS MITIGATION	LS	-	-	(200)
FUEL DISTRIBUTION	LS	-	-	(950)

SUBTOTAL	-	-	-	7,960
Contingency (5.0%)	-	-	-	400

TOTAL CONTRACT COST	-	-	-	8,360
Supervision Inspection & Overhead (6.0%)	-	-	-	500

SUBTOTAL	-	-	-	8,860
DESIGN/BUILD - DESIGN COST	LS	-	-	320

TOTAL REQUEST	-	-	-	9,180
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a four-outlet, direct aircraft fueling station for JP-8 fuel. Project includes two 30,000 gallon above ground fuel storage tanks; a fire suppression system; a personnel weather shelter; taxiway upgrade; a fuel pipeline with leak detection; emergency showers; a chemical fire suppression system; and a radio alarm. Substandard pavement surfaces will be removed. Project also includes fuel pipeline (approximately one mile long); water distribution for fire hydrants; new concrete; earthwork; tanks and their associated valves, switches, pipes, pantographs, filter separators, and pumps; demolition of existing pavement; and new concrete.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
PROJECT:				
Constructs a four outlet direct fueling facility. (Current mission)				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON		
4. Project Title AIRCRAFT DIRECT REFUELING FACILITY		7. Project Number 157
<p>(...continued) REQUIREMENT:</p> <p>An adequate and properly configured fueling facility is required to permit fueling of 14 aircraft per hour. All U.S. Navy EA-6B Prowler Squadrons are stationed at NAS Whidbey, with the exception of one reserve squadron and one squadron stationed in Japan. The mission of the EA-6B is to degrade or destroy enemy radar and their command and control centers. On every U.S. aircraft carrier stationed anywhere in the world, there is at least one squadron of EA-6B aircraft from NAS Whidbey. Additionally, there are four expeditionary squadrons stationed at NAS Whidbey which are assigned to land bases near hot spots that may exist anywhere in the world. Since the retirement of the Air Force's EF-111, the EA-6B has assumed the entire mission for electronic radar jamming for the U.S. military. NAS Whidbey's 15 squadrons include VAQ-129, a fleet replacement squadron that provides training to all EA-6B pilots and Naval Flight Officers for the Navy, the Air Force, and the Marines. An additional squadron, comprised of four aircraft, will stand up in 2002.</p> <p>Air crews are provided a multitude of training programs, including field carrier landing practice, ground-controlled approaches, and carrier controlled approaches. This requires approximately one hundred thousand flight operations at NAS Whidbey throughout the year.</p> <p>A direct fueling facility increases efficiency, which results in increased aircraft availability, increased time for maintenance, increased sorties, increased rate of student training throughput, and ultimately, increased readiness. The proposed direct fueling facility would reduce fuel trucks traffic across Charles Porter Avenue, the most heavily travelled road at NAS Whidbey.</p> <p>Additionally, NAS Whidbey is the primary divert field for carriers operating off the coast of Washington. Aircraft occasionally are unable to land on a carrier due to low fuel, weather conditions, or other problems. They will divert to NAS Whidbey for refueling; hot refueling would enable them to promptly return to the carrier.</p> <p>CURRENT SITUATION:</p> <p>Presently there is no direct refueling facility at NAS Whidbey Island. Fueling operations are 100% dependent on trucks transporting fuel one to two miles to aircraft on the flight line. Although aircraft receive adequate amounts of fuel, the dependence on cold refueling, which requires that aircraft engines be shut down, comes with a price: air crews are</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON		
4. Project Title AIRCRAFT DIRECT REFUELING FACILITY		7. Project Number 157
<p>(...continued)</p> <p>constantly delayed in meeting their training and mission requirements. Cold refueling takes about two hours. Approximately one hour is required to fuel the airplane, and another one and a half hours of maintenance procedures are required, involving one to two maintenance personnel, before the aircraft engines can be restarted. These maintenance procedures are not required for hot refueling.</p> <p>Through the use of a fuel truck and a pantograph, limited hot refueling occurs at NAS Whidbey. The fueling cycle can be completed in about 30 minutes and then those airplanes are ready for flight. The disadvantage of the existing hot refueling system is that the fuel truck has a limited amount of fuel (about 7,000 gallons). Delays occur when the truck needs additional fuel (the pantograph must be disconnected and drained, the truck driven to the fueling station and return, and the pantograph reconnected). Normally only a single truck can support hot refueling, and it provides only a single fueling outlet, representing just 25% of the number of outlets required. Occasionally a second truck is used for hot refueling, but additional trucks increase congestion on the runway complex, which degrades both safety and efficiency. The inefficiency of the existing fueling operation delays field carrier landing practice exercises because the air crews cannot receive fuel in a timely manner. Slow fuel delivery results in practice/training flights after midnight, which disturbs residents who reside under the flight paths.</p> <p>Delays in training caused by the lack of a direct fueling facility will become more acute with the addition of the new VAQ squadron scheduled to arrive in 2002. As noted above, VAQ-129 provides training to all EA-6B pilots and Naval Flight Officers for the Navy, the Air Force, and the Marines. Approximately 85% of this training occurs during daylight hours. During the winter, reduced daylight limits training operations to two cycles (the process of flight preparation, the flight itself, the return, and the maintenance checks following the landing) per day. A direct fueling facility would allow three to four flight cycles in the same day, permitting a 50% to 100% increase in the number of training flights that could be conducted in any given day.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The fueling of EA-6B aircraft will continue to be time consuming and inefficient. This will continue to have adverse affects on training and operational exercises conducted at NAS Whidbey Island. NAS Whidbey will remain the only Navy jet base supporting tactical jet aircraft on the west coast without a direct refueling facility.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON		
4. Project Title AIRCRAFT DIRECT REFUELING FACILITY		7. Project Number 157
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 424</p> <p>(B) All Other Design Costs..... 141</p> <p>(C) Total..... 565</p> <p>(D) Contract..... 141</p> <p>(E) In-House..... 424</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR STEPHEN MARKEY Phone No: 360-257-3348</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON		
4. Project Title AIRCRAFT DIRECT REFUELING FACILITY		7. Project Number 157
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N68539 NAVAL SUPPORT FACILITY DIEGO GARCIA				4. Command Commander in Chief Pacific Fleet		5. Area Constr Cost Index 2.52				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	58	645	59	0	0	0	76	296	0	1,134
	56	519	57	0	0	0	76	296	0	1,004
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (7,000.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 613,847.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 8,150.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 11,090.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 197,240.00										
h. GRAND TOTAL..... 830,327.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>						
				<u>Start</u>	<u>Complete</u>					
740.43	PHYSICAL READINESS CENTER (14,499 SF)	1,347 m2	8,370	12/00	09/02					
159.64	WATERFRONT OPS SPT FAC (5,005 SF)	465 m2	2,720	12/00	03/03					
TOTAL			11,090							
9. Future Projects:										
a. Included In The Following Program (FY 2004): None										
b. Major Planned Next Three Years: None										
c. Real Property Maintenance Backlog (\$000): \$ 16,258										
10. Mission Or Major Functions:										
Responsible for logistics and operational support on Diego Garcia in support of tenant activities and elements of the operating forces of the U.S. Navy, other DOD, surface and communication activities operating in the Indian Ocean and Arabian Gulf AOR's. NAVSUPPFAC is the host command to over 27 tenant activities on board Diego Garcia, supporting all operational requirements of a forward-deployed strategy.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N68539 NAVAL SUPPORT FACILITY DIEGO GARCIA			4. Project Title PHYSICAL READINESS CENTER	
5. Program Element 0204996N	6. Category Code 740.43	7. Project Number 141	8. Project Cost 8,370	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PHYSICAL READINESS CENTER (14,499 SF)	m2	1,347	-	6,170
PHYSICAL READINESS FACILITY (14,499 SF)	m2	1,347	4,488	(6,050)
INFORMATION SYSTEMS	LS	-	-	(30)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	1,320
ELECTRICAL UTILITIES	LS	-	-	(470)
MECHANICAL UTILITIES	LS	-	-	(190)
PAVING AND SITE IMPROVEMENT	LS	-	-	(610)
DEMOLITION	LS	-	-	(50)

SUBTOTAL	-	-	-	7,490
Contingency (5.0%)	-	-	-	370

TOTAL CONTRACT COST	-	-	-	7,860
Supervision Inspection & Overhead (6.5%)	-	-	-	510

TOTAL REQUEST	-	-	-	8,370
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a permanent, single-story reinforced concrete frame building with fire sprinkler and alarm system, air conditioning, lighting, and telephone/communication system. This project will provide spaces for weight training area, nautilus, aerobics/exercise area, cardiovascular training area, martial arts training area, gear issue and storage area, toilet/locker/shower facilities and mechanical/electrical room. Supporting facilities work includes site and building utility connections. Paving work includes paved fire access lane and sidewalks. Demolition includes minor site demolition such as pavement removal. Site improvements include grading, drainage, earthwork, and landscaping. Anti-terrorism/force protection features will be included.</p>				
11. Requirement: <u>3,860 m2</u> Adequate: <u>2,513 m2</u> Substandard: <u>129 m2</u>				
PROJECT:				
<p>Construct a Physical Readiness Center that will provide spaces for weight training area, nautilus, aerobics/exercise area, cardiovascular training</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N68539 NAVAL SUPPORT FACILITY DIEGO GARCIA		
4. Project Title PHYSICAL READINESS CENTER		7. Project Number 141
<p>(...continued)</p> <p>area, martial arts training area, gear issue and storage area, toilet locker/shower facilities and mechanical/electrical room. (Current mission)</p> <p>REQUIREMENT:</p> <p>Project is required to provide an adequate physical readiness center to Department Of Defense personnel and to promote participation in various physical readiness programs that are wholesome and constructive off duty recreational activities. This will effectively contribute to the physical, mental and social well being of personnel on Diego Garcia. Facility will also serve as evacuation/emergency shelter in time of contingency such as bomb or storm shelter.</p> <p>CURRENT SITUATION:</p> <p>The existing gym is a reinforced concrete frame building, constructed in 1977 when the island had a population of 1,000 people. It consists of two basketball courts, six racquetball courts, a nautilus room and a free weight room. At present the island has a population of over 3,000 people, including 1,242 military loading. The existing space is 33% less than the basic facilities requirements and is now overcrowded. There are major backlogs during peak usage time. These conditions limit Morale, Welfare and Recreation (MWR) programs to holding most night time sports only three times a week, vice a maximum of seven. One of the two basketball courts is being used for volleyball, aerobics exercise, martial arts, ping-pong and other indoor events. Simultaneous activities cannot be performed during volleyball games and other tournaments. Sports equipment like volleyball equipment, martial arts mats, ping-pong tables and aerobics steps are left stored in the court due to lack of gear storage in the gym. The nautilus room is too small and it can only accommodate 77 percent of all the equipment required for circuit training. The area is often overcrowded and does not have efficient equipment lay out. The backstage of the main Outdoor Theater (B-113) is used for MWR admin spaces that organize and schedule athletic programs and this area only provides 133 GSF/per person including a lobby/circulation area for customers, which is less than the standard 162 GSF/per person for admin spaces. This condition deprives the theater facility of its intended use of the backstage and dressing room areas. The weight room is also crowded and often cited for safety discrepancies due to unsafe equipment layout. It can accommodate only 34 percent of the required equipment. This condition causes long waiting time for weight training during after-work hour peaks. The cardio-vascular exercise equipment is currently installed in two of six racquetball courts, a basketball court and passageways. Expensive</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N68539 NAVAL SUPPORT FACILITY DIEGO GARCIA		
4. Project Title PHYSICAL READINESS CENTER		7. Project Number 141
<p>(...continued)</p> <p>equipment is stored in a non-climate-controlled warehouse and is exposed to Diego Garcia's tropical and corrosive environment. This warranted MWR to plan the alteration and use of another racquetball court for additional space. This condition discourages participation in other physical fitness programs. Diego Garcia is solely a military complex with no available commercial facilities to augment the requirement. Due to isolated location of Diego Garcia, an adequate Physical Readiness Center is vital to maintain the morale, welfare and readiness of assigned military personnel.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The lack of adequate facilities will continue to adversely affect the physical, mental and social well being of military personnel stationed in this isolated location. Potential loss of valuable sports equipment due to corrosion is imminent. Physical indoor activities and programs will continue to be limited with adverse effect on physical readiness activities. Lack of adequate facilities will adversely impact Quality of Life and physical readiness of personnel.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 446</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N68539 NAVAL SUPPORT FACILITY DIEGO GARCIA		
4. Project Title PHYSICAL READINESS CENTER		7. Project Number 141
<p>(...continued)</p> <p>(B) All Other Design Costs..... 297</p> <p>(C) Total..... 743</p> <p>(D) Contract..... 675</p> <p>(E) In-House..... 68</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 12/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR JAMES SOUBA Phone No: 011-246-370-450</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Joint use construction is recommended.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N68539 NAVAL SUPPORT FACILITY DIEGO GARCIA			4. Project Title WATERFRONT OPERATIONS SUPPORT FACILITY		
5. Program Element 0204996N	6. Category Code 159.64	7. Project Number 871	8. Project Cost 2,720		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
WATERFRONT OPERATIONS SUPPORT FACILITY (5,005 SF)	m2	465	-	2,150	
WATERFRONT OPERATIONS BUILDING (5,005 SF)	m2	465	4,228	(1,970)	
INFORMATION SYSTEMS	LS	-	-	(10)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(170)	
SUPPORTING FACILITIES	LS	-	-	200	
ELECTRICAL UTILITIES	LS	-	-	(50)	
MECHANICAL UTILITIES	LS	-	-	(70)	
SITE IMPROVEMENTS	LS	-	-	(70)	
DEMOLITION	LS	-	-	(10)	

SUBTOTAL	-	-	-	2,350	
Contingency (5.0%)	-	-	-	120	

TOTAL CONTRACT COST	-	-	-	2,470	
Supervision Inspection & Overhead (6.5%)	-	-	-	160	

SUBTOTAL	-	-	-	2,630	
DESIGN/BUILD - DESIGN COST	LS	-	-	90	

TOTAL REQUEST	-	-	-	2,720	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Project constructs a single-story reinforced concrete frame building, with reinforced concrete floor and foundations, 8'' concrete masonry unit (CMU) exterior walls and partitions, and a built-up roof on a concrete slab. Includes telephone, fire sprinkler system, air-conditioning system, lighting, parking and supporting utilities.</p> <p>Functional areas include port and harbor services, administrative work area, office spaces for port and harbor service, harbor master, reception, secretary and supervisor - boat operations, chart room, radio room, male and female heads, boatswain locker/line locker area, Senior boatswain office, duty crew bunk room, electronic repair shop space, storage spaces, and mechanical room. Project also includes demolition of five temporary facilities totalling 370 square meters (4000 square feet) and relocation</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N68539 NAVAL SUPPORT FACILITY DIEGO GARCIA		
4. Project Title WATERFRONT OPERATIONS SUPPORT FACILITY		7. Project Number 871
(...continued) of two sea huts. Anti-terrorism/force protection features will be included.		
11. Requirement: <u>465 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: This project will provide a permanent and adequate waterfront operation support building. (Current mission) REQUIREMENT: A permanent waterfront operations support building is required to provide adequate spaces in support of the management and control of waterfront operations and services. CURRENT SITUATION: The Base Operating Support (BOS) contractor, in coordination with the U.S. Navy Harbor Operations, manages and controls the waterfront operations and services. BOS contractor personnel lockers and storage spaces are located in five temporary and inadequate ''sea-huts.'' These buildings were all built in 1976. After 23 years of utilization, these buildings are now dilapidated and beyond economical repair. Administrative functions are performed in different locations. Waterfront support equipment is stored in Boat Shop #1 due to lack of space for storage. IMPACT IF NOT PROVIDED: Continued use of the widely spread and overcrowded administrative offices will result in inefficient operations detrimental to Fleet support. Response to emergencies could be adversely affected due to lack of facilities for boat crews. Boat gear and oil spill equipment will continue to be stored remotely from the small boat basin due to lack of adequate facilities. Environmental readiness in the event of an oil spill will not be addressed.		
12. Supplemental Data: A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide) (1) Status:		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N68539 NAVAL SUPPORT FACILITY DIEGO GARCIA		
4. Project Title WATERFRONT OPERATIONS SUPPORT FACILITY		7. Project Number 871
<p>(...continued)</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 09/02</p> <p>(C) Date Design Complete..... 03/03</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 70</p> <p>(B) All Other Design Costs..... 23</p> <p>(C) Total..... 93</p> <p>(D) Contract..... 23</p> <p>(E) In-House..... 70</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 01/03</p> <p>(6) Construction Completion..... 04/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR JAMES SOUBA Phone No: 011-246-370-450</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02					
3. Installation and Location/UIC: N3319A NAVAL SUPPORT ACTIVITY JOINT HQ CMD S.C. LARISSA, GREECE						4. Command Commander in Chief, U.S. Naval Forces				5. Area Constr Cost Index 1.23	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
	57	149	4	0	0	0	0	0	0	0	210
64	221	15	0	0	0	0	0	0	0	300	
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE (0.00)											
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 25,990.00											
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00											
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 14,800.00											
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00											
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00											
g. REMAINING DEFICIENCY..... 0.00											
h. GRAND TOTAL..... 40,790.00											
8. Projects Requested In This Program:											
Category											
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>			
721.11	BQ AND SUPPORT FACILITIES (40,085 SF)					3,724 m2	14,800	12/99 09/02			
TOTAL							14,800				
9. Future Projects:											
a. Included In The Following Program (FY 2004): None											
b. Major Planned Next Three Years: None											
c. Real Property Maintenance Backlog (\$000): \$ 0											
10. Mission Or Major Functions:											
Provides support for NATO forces engaged in operations in the South Central area of responsibility for the NATO Joint Command South Central and supports current operations in the Balkans.											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$ 0											
b. Occupational Safety And Health (OSH) (#): \$ 0											

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N3319A JOINT HEADQUARTERS COMMAND SOUTHCEN LARISSA, GREECE			4. Project Title BACHELOR ENLISTED QUARTERS AND SUPPORT FACILITIES		
5. Program Element 0204696N	6. Category Code 721.11	7. Project Number 901	8. Project Cost 14,800		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS AND SUPPORT FACIL (40,085 SF)	m2	3,724	-	9,570	
BACHELOR ENLISTED QUARTERS (10,656 SF)	m2	990	2,392	(2,370)	
BACHELOR OFFICERS QUARTERS (3,552 SF)	m2	330	2,424	(800)	
COMMUNITY FACILITIES (24,800 SF)	m2	2,304	1,905	(4,390)	
GENERAL WAREHOUSE (1,076 SF)	m2	100	1,081	(110)	
RECREATIONAL FIELD/PLAYING COURT	LS	-	-	(50)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,300)	
BUILT IN EQUIPMENT	LS	-	-	(100)	
INFORMATION SYSTEMS	LS	-	-	(400)	
TECHNICAL OPERATING MANUALS	LS	-	-	(50)	
SUPPORTING FACILITIES	LS	-	-	3,670	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(500)	
UTILITIES	LS	-	-	(1,490)	
PAVING, SITE IMPROVEMENT AND STORM DRAINAGE	LS	-	-	(1,680)	

SUBTOTAL	-	-	-	13,240	
Contingency (5.0%)	-	-	-	660	

TOTAL CONTRACT COST	-	-	-	13,900	
Supervision Inspection & Overhead (6.5%)	-	-	-	900	

TOTAL REQUEST	-	-	-	14,800	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	620	
10. Description of Proposed Construction					
<p>Construct a U.S. National Support Complex to consist of a Post Office; a Community/Recreation Center which includes: theatre, education center, Red Cross office, communication spaces, facilities maintenance office, multi-purpose rooms, Morale/Welfare/Recreation (MWR) administration, Information Tickets and Tours (ITT) office, TV/Recreation room, a Human Resources Office (HRO) and customs office; a Religious Ministry; a Family Services Center; a Youth Center; a Library; a General Warehouse; an Exchange/Retail with back-up warehouse; a Fitness Center (to be conjunctively funded with the NATO Fitness Center); a MWR Gear Issue; an Auto Hobby Shop; a Child Development Center and a 20 person Bachelor</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N3319A JOINT HEADQUARTERS COMMAND SOUTHCEN LARISSA, GREECE		
4. Project Title BACHELOR ENLISTED QUARTERS AND SUPPORT FACILITIES		7. Project Number 901
<p>(...continued)</p> <p>Enlisted/Officers Quarters in 1+1 module format to house 15 E7-E9s and 5 W-01-03s with a basement level which includes: general storage, computer storage, armory and nuclear, biological, chemical storage. In addition, one basketball court and one sand volleyball court will be provided. Antiterrorism Force Protection features will be included. The Project will comply with Greek and U.S. requirements for seismic, fire, life safety and ventilation criteria. The Project will connect to Base utilities: water, sewer, power, telephone and storm. The Project will connect to a fire pump and water storage tank at MCON Project P900. The Project will provide hardscaping, landscaping, irrigation, sidewalks, site improvements and parking. The Project will be located on Greek Ministry of Defense land acquired for a new mission (NATO). Technical operating manuals will be provided.</p>		
11. Requirement: <u>3,724 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u> PROJECT: Constructs permanent facilities to support the U.S. National Element personnel assigned to NATO Joint Command South Central (SOUTHCENT) Headquarters. (Current mission) REQUIREMENT: Adequate support facilities are required for permanently stationed and transient U.S. enlisted personnel who perform operations at NATO Joint Command SOUTHCENT Headquarters. Because of the strategic mission of the NATO Headquarters and the high level of terrorist threat in Greece, it is imperative to have support facilities on site. These facilities will provide adequate support spaces for U.S. personnel assigned to Larissa, allowing them to move into seismically safe facilities incorporating force protection features. These facilities are a vital element of NAVEUR's Administration Agent responsibility for Larissa. CINCUSNAVEUR has been designated as the Administration Agent for the new NATO Headquarters at Larissa, Greece. The Headquarters has been stood up at a temporary site approximately 10 miles northwest of Larissa. NATO will construct a permanent headquarters on adjacent land beginning in 2001. The Administration Agent is responsible for providing comprehensive support to the 250 U.S. military personnel assigned to the headquarters. Some temporary support facilities have been provided until permanent facilities can be constructed.		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N3319A JOINT HEADQUARTERS COMMAND SOUTHCEN LARISSA, GREECE		
4. Project Title BACHELOR ENLISTED QUARTERS AND SUPPORT FACILITIES		7. Project Number 901
<p>(...continued)</p> <p>CURRENT SITUATION:</p> <p>Some temporary facilities have been provided within the SOUTHCEN compound at a Greek base. No permanent facilities exist to provide adequate areas constructed to anti-terrorism/force protection standards or incorporating seismic considerations. No existing permanent facilities that incorporate these requirements are available within a secure compound.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If not provided, U. S. National Element personnel will be constantly placed at risk of terrorist attack and will be utilizing facilities that are not suitable for long-term occupancy. Facilities will have to be utilized that are not within a secure compound, that are not constructed incorporating force protection criteria and that do not provide for seismic considerations.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 742</p> <p>(B) All Other Design Costs..... 247</p> <p>(C) Total..... 989</p> <p>(D) Contract..... 247</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02																
3. Installation and Location/UIC:N3319A JOINT HEADQUARTERS COMMAND SOUTHCEN LARISSA, GREECE																		
4. Project Title BACHELOR ENLISTED QUARTERS AND SUPPORT FACILITIES		7. Project Number 901																
<p>(...continued)</p> <p>(E) In-House..... 742</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 10/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>POST OFFICE PACKAGE SCREENING</td> <td>O&M,N</td> <td>2004</td> <td>30</td> </tr> <tr> <td>IDS SYSTEM</td> <td>O&M,N</td> <td>2004</td> <td>10</td> </tr> <tr> <td>FURNISHINGS</td> <td>O&M,N</td> <td>2004</td> <td>580</td> </tr> </tbody> </table> <p>C. FY 2001 Unaccompanied Housing Real Property Maintenance Conducted: \$0</p> <p>D. FY 2002 Unaccompanied Housing Real Property Maintenance Conducted: \$0</p> <p>E. Future Unaccompanied Housing Real Property Maintenance Requirements: \$350,000</p> <p>Activity POC: LT KRISTIAN BARTON Phone No: 011-30-821-6662</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	POST OFFICE PACKAGE SCREENING	O&M,N	2004	30	IDS SYSTEM	O&M,N	2004	10	FURNISHINGS	O&M,N	2004	580
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)															
POST OFFICE PACKAGE SCREENING	O&M,N	2004	30															
IDS SYSTEM	O&M,N	2004	10															
FURNISHINGS	O&M,N	2004	580															
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Joint use construction is recommended.</p>																		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02																							
3. Installation and Location/UIC: N57043 COMMANDER U.S. NAVAL FORCES MARIANAS, GUAM						4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 2.03																					
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	342	2,453	608	0	0	0	37	147	0	3,587																				
	418	2,630	1,947	0	0	0	37	147	0	5,179																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (4,053.00)																														
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 101,654.00																														
c. AUTHORIZATION NOT YET IN INVENTORY..... 10,310.00																														
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 13,400.00																														
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 14,937.00																														
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 36,756.00																														
g. REMAINING DEFICIENCY..... 152,873.00																														
h. GRAND TOTAL..... 329,930.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Project Title</th> <th style="text-align: left;">Scope</th> <th style="text-align: right;">Cost (\$000)</th> <th style="text-align: left;">Design Status</th> </tr> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>(\$000)</u></th> <th style="text-align: left;"><u>Start</u> <u>Complete</u></th> </tr> </thead> <tbody> <tr> <td>721.11</td> <td>BEQ REPLACEMENT (25,575 SF)</td> <td>2,376 m2</td> <td style="text-align: right;">13,400</td> <td>12/00 03/03</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">13,400</td> <td></td> </tr> </tbody> </table>											Category	Project Title	Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>	721.11	BEQ REPLACEMENT (25,575 SF)	2,376 m2	13,400	12/00 03/03	TOTAL			13,400	
Category	Project Title	Scope	Cost (\$000)	Design Status																										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>																										
721.11	BEQ REPLACEMENT (25,575 SF)	2,376 m2	13,400	12/00 03/03																										
TOTAL			13,400																											
9. Future Projects:																														
a. Included In The Following Program (FY 2004):																														
151.10	ALPHA/BRAVO WHARVES IMPVS	0 LS	5,313																											
152.10	VICTOR WHARF IMPROVEMENT	0 LS	9,624																											
TOTAL			14,937																											
b. Major Planned Next Three Years:																														
152.10	DELTA/ECHO WHARVES IMPVS	0 LS	5,167																											
152.10	ROMEO/SIERRA WHARVES IMPVS	0 LS	5,287																											
151.71	XRAY WHARF IMPROVEMENTS	0 LS	2,634																											
165.10	DRDGING ROMEO/SIERRA/BRAVO	0 LS	19,579																											
152.10	VICTOR WHARF FENDER SYSTEM	0 LS	4,089																											
TOTAL			36,756																											
c. Real Property Maintenance Backlog (\$000): \$ 130,169																														
10. Mission Or Major Functions:																														
<p>Note: Block 6a and 6b - These numbers reflect the Personnel Strength of the Host Activity UIC N70243</p> <p style="text-align: center;">COMNAVMARIANAS, GUAM</p>																														

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N57043 COMMANDER U.S. NAVAL FORCES MARIANAS, GUAM		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 2.03
<p>(...continued)</p> <p>Block 7a and 7b - These numbers reflect the Total Acreage and Inventory Total of Host Activity UIC N70243 COMNAVMARIANAS, GUAM</p> <p>As an activity of the Naval telecommunications system, to manage, operate, and maintain those facilities, systems, equipment and devices necessary to provide requisite communications for the command, operational control, and administration of the Naval establishment; to manage, operate, and maintain those facilities and equipment of the Defense telecommunications system and the Coast Guard as assigned; and to perform such other functions as may be directed by the Chief of Naval Operations.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N57043 COMMANDER U.S. NAVAL FORCES MARIANAS, GUAM			4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT	
5. Program Element 0204796N	6. Category Code 721.11	7. Project Number 430	8. Project Cost 13,400	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS REPLACEMENT (25,575 SF)	m2	2,376	-	8,480
BACHELOR ENLISTED QUARTERS (25,575 SF)	m2	2,376	3,508	(8,340)
INFORMATION SYSTEMS	LS	-	-	(60)
TECHNICAL OPERATING MANUALS	LS	-	-	(10)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	3,090
ELECTRICAL UTILITIES	LS	-	-	(770)
MECHANICAL UTILITIES	LS	-	-	(550)
SITE IMPROVEMENTS	LS	-	-	(1,110)
DEMOLITION	LS	-	-	(570)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(90)

SUBTOTAL	-	-	-	11,570
Contingency (5.0%)	-	-	-	580

TOTAL CONTRACT COST	-	-	-	12,150
Supervision Inspection & Overhead (6.5%)	-	-	-	790

SUBTOTAL	-	-	-	12,940
DESIGN/BUILD - DESIGN COST	LS	-	-	460

TOTAL REQUEST	-	-	-	13,400
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Project demolishes existing Bachelor Enlisted Quarters (BEQ) Buildings 14 and 15 at COMNAVMARIANAS Hospital Annex, Guam, and constructs a new BEQ building. Project provides 36 '1+1' standard modules each with a semi-private bath, two sleeping/living areas, two closets per room, and a kitchenette/food service area. Project also includes electrical capacity upgrade, relocation of existing overhead electrical power lines, utilities connections, new parking lots/area lighting, covered bicycle parking, trash enclosures, and landscaping. The construction of this project will provide Antiterrorism/Force Protection/Physical Security. The structure will be designed for seismic loads, Zone 4. Technical Operating Manuals will be provided for the facility.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N57043 COMMANDER U.S. NAVAL FORCES MARIANAS, GUAM		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 430
<p>(...continued)</p> <p>Intended Grade Mix: 72 E1-E4 Maximum Utilization: 72 E1-E4</p>		
<p>11. Requirement: <u>716 PN</u> Adequate: <u>336 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>The project will replace existing BEQ Buildings 14 and 15 to meet current bachelor quarters quality of life criteria. (Current mission)</p> <p>REQUIREMENT:</p> <p>Sufficient and adequate housing is required for Unaccompanied Navy personnel assigned to COMNAVMARIANAS Guam. Adequate on-base living quarters are essential for maintaining trained military personnel. The mission of COMNAVMARIANAS Guam is to provide operational, ordnance, and other logistic support to Fleet units and operational forces of the 5th and 7th Fleets and to provide policy and support services to shore activities and personnel of COMNAVMARIANAS Guam within the assigned geographical region of Guam.</p> <p>CURRENT SITUATION:</p> <p>BEQ Buildings 14 and 15 are two-story, 22 room structures. Each room is approximately 270 square feet, sharing a common bath with one adjacent room. Individual rooms are assigned three permanent party E1/E4 or one E5/E6. This current assignment practice also results in six E1/E4 sharing a common bath and does not meet current standards.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project the projected shortfall of adequate bachelor housing units will continue. Most critically, if this project is not provided, the single sailor's quality of life will remain at its current substandard and overcrowded living conditions causing severe morale problems. Unaccompanied Junior Enlisted Navy personnel will continue to live in three person assigned rooms and six person shared common baths.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N57043 COMMANDER U.S. NAVAL FORCES MARIANAS, GUAM		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 430

(...continued)

(1) Status:

(A) Date Design Started..... 12/00

(B) Date Design 35% Complete..... 09/02

(C) Date Design Complete..... 03/03

(D) Percent Complete As Of September 2001..... 2%

(E) Percent Complete As Of January 2002..... 2%

(F) Type of Design Contract..... Design Build

(G) Parametric Estimate used to develop cost..... Yes

(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:

(A) Standard or Definitive Design: No

(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications..... 371

(B) All Other Design Costs..... 124

(C) Total..... 495

(D) Contract..... 124

(E) In-House..... 371

(4) Contract Award..... 11/02

(5) Construction Start..... 01/03

(6) Construction Completion..... 01/05

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 2001 Unaccompanied Housing Real Property Maintenance Conducted:
\$3,145,000

D. FY 2002 Unaccompanied Housing Real Property Maintenance Conducted:
\$3,631,000

E. Future Unaccompanied Housing Real Property Maintenance Requirements:
\$3,482,000

Activity POC: CAPT WILLAM BEARY Phone No: (671)-339-5100

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N57043 COMMANDER U.S. NAVAL FORCES MARIANAS, GUAM		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 430
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02	
3. Installation and Location/UIC: N63032 NAVAL AIR STATION KEFLAVIK, ICELAND				4. Command Commander in Chief Atlantic Fleet		5. Area Constr Cost Index 2.59	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 9/30/01	238	1,548	863	0	0	0	105	228	0	2,982
b. End FY 2008	236	1,586	752	0	0	0	105	228	0	2,907

7. INVENTORY DATA (\$000)

a. TOTAL ACREAGE (2,862.00)	
b. INVENTORY TOTAL AS OF 30 Sep 2001.....	543,808.00
c. AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	14,920.00
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	5,174.00
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g. REMAINING DEFICIENCY.....	126,707.00
h. GRAND TOTAL.....	690,609.00

8. Projects Requested In This Program:

Category	Project Title	Scope	Cost (\$000)	Design Status
<u>Code</u>				<u>Start</u> <u>Complete</u>
722.10	COMBINED DINING FACILITY (21,528 SF)	2,000 m2	14,920	12/00 09/02
TOTAL			14,920	

9. Future Projects:

a. Included In The Following Program (FY 2004):

* 832.10	SEWER CONNECTION CHARGE	0 LS	5,174
TOTAL			5,174

b. Major Planned Next Three Years:
None

c. Real Property Maintenance Backlog (\$000): \$ 202,682

10. Mission Or Major Functions:

Iceland's location astride the Greenland-Iceland-Norway gap affords Navy land-based, anti-submarine forces a forward operating airfield and support complex. This facility also supports forward deployed USAF Airborne (AWACS) and fighter-interceptor units in the air defense mission. Communications facilities provide essential coverage for Naval units operating in the North Atlantic and Norwegian Sea. Wartime contingency roles for this base include critical support to military airlift and air defense augmentation missions.

11. Outstanding Pollution And Safety Deficiencies (\$000):

a. Pollution Abatement (*): \$ 5,174

b. Occupational Safety And Health (OSH) (#): \$ 0

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N63032 NAVAL AIR STATION KEFLAVIK, ICELAND			4. Project Title COMBINED DINING FACILITY	
5. Program Element 0204696N	6. Category Code 722.10	7. Project Number 723	8. Project Cost 14,920	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
COMBINED DINING FACILITY (21,528 SF)	m2	2,000	-	10,050
COMBINED DINING FACILITY (21,528 SF)	m2	2,000	4,919	(9,840)
BUILT-IN EQUIPMENT	LS	-	-	(60)
ANTI-TERRORISM FORCE PROTECTION	LS	-	-	(50)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	3,290
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(190)
ELECTRICAL UTILITIES	LS	-	-	(470)
MECHANICAL UTILITIES	LS	-	-	(480)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(950)
STORM DRAINAGE PIPING/GRADING	LS	-	-	(920)
DEMOLITION	LS	-	-	(280)

SUBTOTAL	-	-	-	13,340
Contingency (5.0%)	-	-	-	670

TOTAL CONTRACT COST	-	-	-	14,010
Supervision Inspection & Overhead (6.5%)	-	-	-	910

TOTAL REQUEST	-	-	-	14,920
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project constructs a consolidated enlisted, civilian and officer galley (open mess) that includes a cafeteria and quick service components. The facility will be a single story, reinforced concrete facility, that includes a dining hall, kitchen with food staging storage, a bakery, three service lines, and entry-waiting area. The new galley will be constructed in the open area behind the Viking Mall, with an adjacent parking lot located at least 80 feet from the new galley. Built-in equipment includes walk-in freezers. Anti-Terrorism/Force Protection is included. Special Construction Features are deep foundations due to the extraordinarily deep frost line in Iceland. Upon completion of this project, the existing galley building 743 (12,942 SF) 1,202m2 will be demolished.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: N63032 NAVAL AIR STATION KEFLAVIK, ICELAND		
4. Project Title COMBINED DINING FACILITY		7. Project Number 723
<p>(...continued)</p> <p>11. Requirement: <u>2,000 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>The project constructs a consolidated enlisted, civilian, and officer galley (open mess) that includes a cafeteria and quick service components. (Current mission)</p> <p>REQUIREMENT:</p> <p>An adequate dining facility with all required spaces, space allowances, and all required safety features is required at NAS Keflavik. The galley is the only 100% appropriated fund food service available at NAS Keflavik. The galley provides meals for all military and civilians on the base, serving approximately 2,000 people per day at peak time. This galley also provides the mid day meal to Icelandic base employees. The galley serves an average of 28,000 meals per month. The galley provides regular dining (four meals per day: breakfast, lunch, dinner, midnight meal for transient crews), speed line, box lunch, and hot tray meals seven days a week. The galley also serves special function and holiday meals, monthly family dinners, and weekend brunches. The galley must have adequate and efficiently configured spaces to provide all meal services (dining in and take out) for base personnel, host national civilians and transients. Appropriate cold and dry storage areas within the facility to maintain several days food supply are required. A galley facility that meets air ventilation and safety codes is imperative.</p> <p>CURRENT SITUATION:</p> <p>The existing galley is a 44 year old building that currently cannot meet the criteria for a 24 hours per day, 365 days per year, dining facility. The galley provides meals for over 1600 personnel including: 800 Icelandic civilian employees (one meal per day), permanent party, and transient flight crews. The existing facility is now the only operational galley on base. The existing galley has not been expanded or had any major structural or interior improvements. Past consolidation of base operations has resulted in this single galley facility serving all base enlisted, civilians, and officers. Although in recent years there have been slight base wide personnel reductions, several operations have been consolidated onto the main base. H-1 Rockville and Grindavik are two communication sites which are in proximity to the main base and are now closed or have reduced operations. Both Grindavik and Rockville had</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63032 NAVAL AIR STATION KEFLAVIK, ICELAND		
4. Project Title COMBINED DINING FACILITY		7. Project Number 723
<p>(...continued)</p> <p>galleys which are now closed. One of the facilities is leased out to the Government of Iceland (GOI) as part of the rest of the Rockville compound as a drug treatment site. Personnel from these two locations have consolidated to the main base, increasing the demand at the base galley. There is an Air Force galley at the west end of the airfield; however they only serve lunch. Along with these changes, some nonappropriated food services have closed, thus reducing the eating service options on the base. The decline in other food services on the base has resulted in maintaining the service quotas for the galley despite the personnel decline at NAS Keflavik.</p> <p>The existing galley lacks a complete fire alarm, fire detection and grill-area fire suppression system. Water enters the building through leaking roof vents. The in-flight kitchen customer and delivery access is hazardous due to the exterior layout and the need to store food materials in the corridors. The commercial dishwasher receives an insufficient flow and temperature of hot water to effectively prevent grease from coagulating and clogging the drain.</p> <p>Ventilation is inadequate: overpressure of hot, dirty air is forced into the dining area from the kitchen because of lack of separate ventilation systems. This results in extreme temperatures in the kitchen area, and lack of air exchange in the dining area. Floor material in the dining area is old and hard to keep clean and sanitized.</p> <p>Icelandic galley employee lounges/locker rooms are undersized and inadequate for the number of staff that must use them; they do not meet Occupational Safety and Health Act (OSHA) requirements or Icelandic codes. A portion of the employee lockers are located in the galley kitchen corridors. There is no area available for changing in and out of work clothes for these employees.</p> <p>There is insufficient cold storage to accommodate standard practice of storing and separating food items. This necessitates transport of food every day to the galley from a cold storage warehouse located two blocks away. This is an extreme burden during the harsh Icelandic winter months and not feasible during white out conditions (blizzards) which occur approximately four times each winter.</p> <p>There is insufficient space on the exterior of the facility to locate dumpsters; currently the dumpsters are directly behind the building located in the same area where supplies are brought into the facility. There is inadequate space and lack of drainage area to perform gross</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63032 NAVAL AIR STATION KEFLAVIK, ICELAND		
4. Project Title COMBINED DINING FACILITY		7. Project Number 723
<p>(...continued)</p> <p>sanitation on garbage containers prior to returning them to the galley.</p> <p>The functional layout of the galley is poor, with the dishwashing area located in the center of the dining area, making it impossible to avoid the noise of the scullery while eating. Beverage and condiment storage, as well as beverage dispensing equipment, impede on the dining area, and circulation is a problem at mealtimes.</p> <p>Tables are pushed together and backed into each other for maximum seating capacity; however, this creates back to back seating with little room for passage between the tables once people are seated. Frequently the facility is issued safety discrepancies by the local safety office because the galley is forced to store excess supporting items in the boiler room, mechanical areas, and closets. The box lunch and hot tray take out meal preparation areas are taking place in converted closet/storage areas because of lack of space. Numerous table top functions (bread, vegetable, dessert, etc) take place on shared workspaces in corridors. This space limitation creates additional risk of cross contamination due to shared workspaces as well as increased movement of prepared food and waste products in close proximity to one another. The congestion created by prep table and storage in passageways creates an emergency egress concern. During busy lunch periods, the waiting lines extend outside the front door since there is insufficient room in the entry/cashier area. This is a particular problem during the winter months (Oct thru Apr).</p> <p>The rear loading dock area is being used as a consumable supplies receiving area, garbage removal and cleaning area, food delivery area, customer entrance for hot trays and box lunches, and the ingress/egress point for galley employees in case of emergency. In addition to the multitude of functional space problems at the galley, the building itself is inadequate and in deteriorated shape. The electrical system is in need of upgrade and repair; however, the conduit for this system is located in the poured slab floor of the galley. The entire slab would need to be replaced or extensively saw cut in order to make the repairs. The wastewater piping is an old cast iron system. It is almost entirely corroded in some areas, and requires replacement; however, it is also embedded in the galley floor slab. The heating, ventilating and air conditioning system is completely inadequate and needs replacement/upgrading. There are unrepairable leaks in the roof/walls leading to on-going moisture and interior damage; the entire roof and structure requires replacement. There are not enough electrical outlets in the galley to meet the demands of the equipment, and the galley has received numerous safety violations for running extension cords and</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63032 NAVAL AIR STATION KEFLAVIK, ICELAND		
4. Project Title COMBINED DINING FACILITY		7. Project Number 723
<p>(...continued)</p> <p>overloading outlets. There is no sprinkler system in the galley and the fire suppression system in the kitchen area is inadequate. In addition, the galley does not meet the criteria for seismic zone three as required.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Life safety deficiencies will not be corrected, negatively influencing life safety. Interior and exterior deterioration will continue, resulting in accelerated maintenance costs. The existing facility will close and there will be no appropriated mass feeding facility on the base. Closure of the galley would be caused most likely by the failure of one or more of the utility systems (sewer, water, electric). These systems, as already described, are difficult to repair because of the age of the piping systems and the fact that they are located within the building slab. Contamination would be the immediate concern, and the galley would have to shut down for the extensive repairs and clean-up.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 790</p> <p>(B) All Other Design Costs..... 260</p> <p>(C) Total..... 1050</p> <p>(D) Contract..... 660</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63032 NAVAL AIR STATION KEFLAVIK, ICELAND		
4. Project Title COMBINED DINING FACILITY		7. Project Number 723
<p>(...continued)</p> <p>(E) In-House..... 390</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: ENS. MIKE MENO, GUDMUNDUR JONS Phone No:</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Joint use construction is recommended.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA ITALY				4. Command Commander in Chief, U.S. Naval Forces		5. Area Constr Cost Index 1.16				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	254	2,288	937	0	0	0	105	590	0	4,174
	282	2,497	772	0	0	0	105	590	0	4,246
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (609.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 302,149.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 76,559.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 53,090.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 12,340.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 145,249.00										
g. REMAINING DEFICIENCY..... 287,672.00										
h. GRAND TOTAL..... 877,059.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>		<u>Scope</u>		<u>Cost (\$000)</u>		<u>Design Status</u>			
740.43	QOL SUPPORT II (RECAP NASI)		11,282 m2		33,530		12/00	09/02		
	(121,438 SF)									
730.80	PRKNG GAR&PERIM SEC UPGRDS		25,133 m2		19,560		10/01	09/02		
	(270,529 SF)									
TOTAL					53,090					
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
851.20	ACCESS IMPROVEMENTS		0 LS		12,340					
TOTAL					12,340					
b. Major Planned Next Three Years:										
740.43	QOL SUPPORT III (94,184 SF)		8,750 m2		7,517					
740.43	QOL SUPPORT II (121,438 SF)		11,282 m2		17,182					
219.10	BASE OPS SUPPORT I (99,642 SF)		9,257 m2		33,404					
610.10	BASE OPERATIONS SUPPORT II		8,650 m2		53,864					
	(93,108 SF)									
740.43	GYMNASIUM (82,193 SF)		7,636 m2		33,282					
TOTAL					145,249					
c. Real Property Maintenance Backlog (\$000): \$ 62,200										
10. Mission Or Major Functions:										

(Continued On DD 1390C)

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA ITALY		4. Command Commander in Chief, U.S. Naval Forces	5. Area Constr Cost Index 1.16
<p>(...continued)</p> <p>Navy's major mid-Mediterranean shore installation used for logistic support of the Sixth Fleet and as a base of operations for deployed, land-based anti-submarine warfare (ASW) aircraft. Navy intra-theatre airlift squadron also assigned, with carrier on-board airlift mission. Support transient, carrier-based tactical aircraft as required. Presently supports Air Mobility Command (AMC) cargo flights and Military Airlift Command (MAC) passenger flights from the U.S. Provides air logistics interface with nearby Augusta Bay NATO fuel and ammunition replenishment pier and depot. Supports helicopter combat squadron and helicopter surveillance squadron.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC:N62995 NAVAL AIR STATION SIGONELLA, ITALY			4. Project Title QOL SUPPORT II (RECAPITALIZATION OF NAS I, PHASE III)	
5. Program Element 0204660N	6. Category Code 740.43	7. Project Number 613	8. Project Cost Auth 36,100 Appr 33,530 Auth for Appr 36,100	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
QOL SUPPORT II (RECAPITALIZATION OF NAS I) (121,438 SF)	m2	11,282	-	22,390
FITNESS CENTER (40,020 SF)	m2	3,718	1,845	(6,860)
BOWLING CENTER (17,287 SF)	m2	1,606	1,806	(2,900)
THEATER (15,608 SF)	m2	1,450	1,730	(2,510)
OUTDOOR SWIMMING POOL (22,981 SF)	m2	2,135	1,232	(2,630)
CHILD DEVELOPMENT CENTER (11,647 SF)	m2	1,082	1,902	(2,060)
GEAR ISSUE (10,075 SF)	m2	936	1,445	(1,350)
AMUSEMENT CENTER (3,821 SF)	m2	355	1,690	(600)
ANTI-TERRORISM FORCE PROTECTION	LS	-	-	(2,860)
INFORMATION SYSTEMS	LS	-	-	(400)
TECHNICAL OPERATING MANUALS	LS	-	-	(120)
BUILT-IN EQUIPMENT	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	9,900
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,740)
ELECTRICAL UTILITIES	LS	-	-	(2,380)
MECHANICAL UTILITIES	LS	-	-	(2,830)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,080)
DEMOLITION	LS	-	-	(870)

SUBTOTAL	-	-	-	32,290
Contingency (5.0%)	-	-	-	1,610

TOTAL CONTRACT COST	-	-	-	33,900
Supervision Inspection & Overhead (6.5%)	-	-	-	2,200

SUBTOTAL	-	-	-	36,100
FOREIGN CURRENCY SAVINGS ADJUSTMENT	LS	-	-	-2,570

TOTAL REQUEST	-	-	-	33,530
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	340
10. Description of Proposed Construction				
<p>This project is the third of three phases of a Recapitalization Plan for NAS I at U.S. Naval Air Station, Sigonella. This project will construct a Morale Welfare Recreation (MWR) complex which includes a fitness center, an outdoor pool, a bowling alley, an equipment rental area, amusement</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62995 NAVAL AIR STATION SIGONELLA, ITALY		
4. Project Title QOL SUPPORT II (RECAPITALIZATION OF NAS I, PHASE III)		7. Project Number 613
<p>(...continued)</p> <p>center and a theater. A Child Development Center will be constructed on leased property known as the Marinai Housing Area, located outside of NAS II. The MWR Complex will be two stories and the Child Development Center one story. All facilities will conform to Americans with Disabilities Act (ADA) criteria; two story areas will be provided with elevators. The facilities will be concrete and/or steel frame buildings with insulated metal wall panels, concrete foundation and structural floor, clay tile pitched roof on insulated metal decking and steel trusses. The facilities will be provided with fire protection including sprinklers, information systems, alarm and detection systems, and connected to the base-wide utility systems. New base-wide utility distribution systems will be provided as well as some new roadways. Parking will be provided. The facilities will be constructed to withstand seismic forces. Anti-terrorism/Force Protection features will be included. Built in equipment includes two elevators. Demolition of 20 facilities (10,345 square meters) and various utility structures and temporary facilities will be required. Technical operating manuals will be provided.</p>		
<p>11. Requirement: <u>12,926 m2</u> Adequate: <u>1,644 m2</u> Substandard: <u>3,172 m2</u></p> <p>PROJECT:</p> <p>This project constructs Quality of Life support facilities as the third of three phases of development for the recapitalization plan for NAS I (Personnel Support Area) at U.S. Naval Air Station, Sigonella, Sicily and the proposed family housing complex at Belpasso located outside of NAS II. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate and efficiently configured facilities are required to provide and develop a systematic, methodical and executable program for the recapitalization of facilities at NAS I and the proposed Marinai housing area at NAS II. The project will reconfigure NAS I to significantly enhance functional efficiency and the Quality of Life environment; remedy force protection and safety deficiencies; demolish and/or replace all low equity, obsolete, inefficient, high maintenance/repair facilities and structures; reclaim and optimize use of scarce and wasted real estate, replace deteriorated, energy inefficient utility systems; and create expansion opportunities associated with future mission changes. U.S. Air Station, Sigonella, considered the ''Hub of the Med'' provides the prime logistic support for Naval operations (both U.S. and NATO) in the Mediterranean. It is the host activity for several commands and mission</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62995 NAVAL AIR STATION SIGONELLA, ITALY		
4. Project Title QOL SUPPORT II (RECAPITALIZATION OF NAS I, PHASE III)		7. Project Number 613
<p>(...continued)</p> <p>support in the region. Project will improve life safety for pedestrian and vehicle traffic throughout the base.</p> <p>CURRENT SITUATION:</p> <p>NAS I is dense with dispersed facilities and there is no land available for expansion. Since NAS Sigonella is the primary base for fleet logistics and airfield operations, it is being considered to become a receiver site for functions from other activities as proposed in a theater realignment plan for the Mediterranean. NAS I is the primary personnel support area for Sigonella, therefore a recapitalization plan for this area provides for the consolidation of various facilities to significantly enhance functional efficiency and the Quality of Life environment in support of approximately 8,500 people. The majority of the existing facilities are deteriorated, energy-inefficient, high maintenance cost, and dysfunctional from the uses for which they were originally built. These facilities are deficient in seismic criteria, force protection and handicap accessibility. Most of the older facilities were not constructed to seismic criteria and therefore would not withstand any seismic activity. Anti-terrorism/Force Protection criteria for existing facilities does not exist and is required.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The recapitalization plan for NAS I will be jeopardized as this project is the third phase of a three phase development of the personnel support area and proposed housing area at Belpasso (NAS II) at NAS Sigonella. Continued use of existing facilities that are deteriorated, inefficient, and high maintenance will inhibit Quality of Life improvement and negatively affect expansion/consolidation potential.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02												
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA, ITALY														
4. Project Title QOL SUPPORT II (RECAPITALIZATION OF NAS I, PHASE III)		7. Project Number 613												
<p>(...continued)</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 1835</p> <p>(B) All Other Design Costs..... 612</p> <p>(C) Total..... 2447</p> <p>(D) Contract..... 1529</p> <p>(E) In-House..... 918</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Equipment Nomenclature</th> <th style="text-align: left;">Procuring Appropriation</th> <th style="text-align: left;">Fiscal Year Appropriated Or Requested</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> </tr> <tr> <td>Voice Video Data</td> <td>O&MN</td> <td>2004</td> <td>340</td> </tr> </tbody> </table> <p>Activity POC: LCDR DODD NAISER Phone No: +39 095-86-6815</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	-----	-----	-----	-----	Voice Video Data	O&MN	2004	340
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)											
-----	-----	-----	-----											
Voice Video Data	O&MN	2004	340											
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>														

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA, ITALY			4. Project Title PARKING GARAGE AND PERIMETER SECURITY UPGRADE	
5. Program Element 0204696N	6. Category Code 730.80	7. Project Number 625	8. Project Cost 19,560	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PARKING GARAGE AND PERIMETER SECURITY UPGRAD (270,529 SF)	m2	25,133	-	13,410
PARKING GARAGE (269,098 SF)	m2	25,000	404	(10,100)
NAS II MAIN GATE UPGRADES	LS	-	-	(1,000)
PASS AND ID OFFICE (1,076 SF)	m2	100	2,085	(210)
GATEHOUSE (355 SF)	m2	33	2,127	(70)
SECURITY FENCE	LS	-	-	(200)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,630)
BUILT IN EQUIPMENT	LS	-	-	(100)
INFORMATION SYSTEMS	LS	-	-	(50)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	LS	-	-	4,090
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(500)
UTILITIES	LS	-	-	(1,180)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,310)
DEMOLITION	LS	-	-	(100)

SUBTOTAL	-	-	-	17,500
Contingency (5.0%)	-	-	-	880

TOTAL CONTRACT COST	-	-	-	18,380
Supervision Inspection & Overhead (6.5%)	-	-	-	1,180

TOTAL REQUEST	-	-	-	19,560
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a 750-vehicle parking garage with two levels below ground, four levels above ground and elevators. Construction designed in accordance with Italian and U.S. seismic, building, fire and ventilation codes. Provide improvements to the base entrance and relocate the entrance far enough inside the base perimeter to include queuing cars. The entrance will be located far enough inside the base to accommodate 100% inspection during high threat conditions. Active and passive barriers systems will be provided. A pass and ID office will be provided to accommodate six personnel with an unisex head and a gatehouse for four personnel. Demolish Building 699 (20 sm) and a ballfield. Anti-terrorism/force</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62995 NAVAL AIR STATION SIGONELLA, ITALY		
4. Project Title PARKING GARAGE AND PERIMETER SECURITY UPGRADE		7. Project Number 625
<p>(...continued)</p> <p>protection features will be included. Provide a security force training facility. Special construction features include special foundations.</p>		
<p>11. Requirement: <u>25,133 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Provide parking for 750 vehicles in a parking garage and force protection upgrades to facilities in support of the Recapitalization Plan for NAS II (Airfield Operations Area) at NAS Sigonella. (Current mission)</p> <p>REQUIREMENT:</p> <p>NAS Sigonella requires an adequate perimeter fence system to protect critical Joint Navy/Air Force assets involved in logistical theater operations. Lack of available land and anti-terrorism/force protection result in numerous violations of anti-terrorisim/force protection criteria for vehicle parking. Main gate configuration and entrance roads must provide an effective and safe method for bringing vehicles on base. Vehicles parked off base are in violation of anti-terrorism/force protection criteria.</p> <p>CURRENT SITUATION:</p> <p>Existing perimeter fence does not meet anti-terrorism/force protection criteria and does not exist along southern portion of activity. Private vehicles cannot park on base during current threat condition levels and must park off base in remote leased lots, requiring busing of personnel to and from work. Perimeter security will require additional personnel squads to patrol areas lacking in adequate fencing and lighting.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Naval Air Station Sigonella will remain in violation of current Department of Defense (DoD) and European Command force protection criteria, rules and regulations, and personnel will be at risk. Personnel will continue to park off base and be bused to and from work, resulting in high costs and continued exposure to the threat of terrorism.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N62995 NAVAL AIR STATION SIGONELLA, ITALY		
4. Project Title PARKING GARAGE AND PERIMETER SECURITY UPGRADE		7. Project Number 625
<p>(...continued)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 10/01</p> <p>(B) Date Design 35% Complete..... 03/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 15%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 990</p> <p>(B) All Other Design Costs..... 330</p> <p>(C) Total..... 1320</p> <p>(D) Contract..... 830</p> <p>(E) In-House..... 490</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR DODD NAISER Phone No: +39 095-86-6815</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM						2. Date 2/12/02			
3. Installation and Location/UIC: N63005 NAVAL SUPPORT ACTIVITY BAHRAIN						4. Command Chief of Naval Operations			5. Area Constr Cost Index 1.31	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	232	1,115	106	0	0	0	84	484	0	2,021
	244	1,283	124	0	0	0	84	484	0	2,219
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (36.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 50,771.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 135,590.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 25,970.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 39,368.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 75,397.00										
g. REMAINING DEFICIENCY..... 25,355.00										
h. GRAND TOTAL..... 352,451.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u> <u>Start</u> <u>Complete</u>		
740.43	INSTALLATION SVC SUPT CTR (188,476 SF)					17,510 m2	25,970	12/00 09/02		
TOTAL							25,970			
9. Future Projects:										
a. Included In The Following Program (FY 2004):										
113.20	AVIATION FACILITIES (1,559,400 SF)					144,873 m2	39,368			
TOTAL							39,368			
b. Major Planned Next Three Years:										
610.10	OPERATIONS & SUPPORT FACS (140,878 SF)					13,088 m2	22,543			
219.10	INDUSTRIAL COMPLEX					0 LS	4,554			
441.10	GENERAL WAREHOUSE NAVY (275,911 SF)					25,633 m2	48,300			
TOTAL							75,397			
c. Real Property Maintenance Backlog (\$000): \$ 0										
10. Mission Or Major Functions:										
This unit is under the Commander, U. S. Naval Forces Central Command (COMUSNAVCENT) who provides overall command and operational control of naval										
(Continued On DD 1390C)										

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM		2. Date 2/12/02
3. Installation and Location/UIC: N63005 NAVAL SUPPORT ACTIVITY BAHRAIN		4. Command Chief of Naval Operations	5. Area Constr Cost Index 1.31
<p>(...continued)</p> <p>forces assigned to the Commander in Chief U. S. Central Command (USCINCCENT) and coordinates with naval forces operating in support of USCINCCENT's naval component. Its mission is to maintain and operate facilities and to provide support for visiting units of the operating forces, Department of Defense Dependent School, and to personnel, including dependents, from commands and U.S. Department of Defense activities in the Bahrain area. Also responsible for operating and maintaining a communications facility to support the Defense Communication System and Fleet requirements in the Persian Gulf to include a message center.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N63005 NAVAL SUPPORT ACTIVITY BAHRAIN			4. Project Title INSTALLATION SERVICE SUPPORT CENTER		
5. Program Element 0205096N	6. Category Code 740.43	7. Project Number 911	8. Project Cost 25,970		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
INSTALLATION SERVICE SUPPORT CENTER (188,476 SF)		m2	17,510	-	22,090
COMMUNITY FACILITIES (117,553 SF)		m2	10,921	1,064	(11,620)
THEATER (13,423 SF)		m2	1,247	1,164	(1,450)
SHIPS STORE WAREHOUSE (10,000 SF)		m2	929	1,055	(980)
OFFICER, E1-E6,E7-E9 MESS (47,501 SF)		m2	4,413	1,698	(7,490)
INFORMATION SYSTEMS		LS	-	-	(200)
TECHNICAL OPERATING MANUALS		LS	-	-	(200)
ANTI-TERRORISM FORCE PROTECTION		LS	-	-	(150)
SUPPORTING FACILITIES		LS	-	-	1,140
UTILITIES		LS	-	-	(380)
PAVING, SITE IMPROVEMENTS AND DEMOLITION		LS	-	-	(760)
SUBTOTAL		-	-	-	23,230
Contingency (5.0%)		-	-	-	1,160
TOTAL CONTRACT COST		-	-	-	24,390
Supervision Inspection & Overhead (6.5%)		-	-	-	1,580
TOTAL REQUEST		-	-	-	25,970
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	-
10. Description of Proposed Construction					
<p>Multi-story facility to be built on pile foundations with concrete structure, floors and roof. This retail/dining support center will house the ship's store, retail service outlets (laundromat, dry cleaning, barber shop, tailor shop, personal services and beauty shop), ship stores administration, Navy Federal Credit Union, hobby shop, theater, information tickets and tours office, package store, public telephone facility, ships store warehouse, post office, both officer and enlisted dining, gear issue, bowling alley, gymnasium, playing courts, recreation pavilion, and morale welfare and recreation offices. This will consolidate operations currently taking place in over twenty buildings. Project includes exterior landscaping, architecture to match local area, and demolition of existing facilities. Includes roads, sidewalks, utilities, and parking. The project will be designed to meet Central Command criteria for antiterrorism and force protection. Demolish or haul</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63005 NAVAL SUPPORT ACTIVITY BAHRAIN		
4. Project Title INSTALLATION SERVICE SUPPORT CENTER		7. Project Number 911
(...continued) away 14 temporary or semi-permanent structures (1,294 square meters).		
11. Requirement: <u>17,510 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: This project will provide retail, dining and athletic support facilities for both military and civilian personnel assigned to the Naval Support Activity, all tenant activities, and the US Embassy. (Current mission) REQUIREMENT: This project is required to provide safe and efficient facilities for assigned personnel to shop for goods and services not available on the local economy in Bahrain. The support center will also provide safe and convenient dining and athletic facilities for all personnel living and or working on the installation. CURRENT SITUATION: The existing retail, dining and athletic facilities are scattered around the original base in over twenty buildings of various size and condition. All are located less than two hundred feet from the perimeter, making them extremely vulnerable to potential terrorist attack, since they are considered primary gathering spots. The two existing dining facilities are located less than twenty feet from the perimeter fence. As a result of Military Construction projects P-902, P-905, and P-913, eight hundred and five personnel will be housed and living in a safe, force protected area on base, but they must all leave this protection to eat within twenty feet of the fence line. Many of the buildings are of temporary or semi-permanent construction with metal skin walls, which offers no force protection to the personnel inside. Naval Support Activity Bahrain is usually operating under threat condition Bravo and frequently Charlie. The new parking lots are now located far from the retail outlets requiring shoppers to carry heavy loads long distances. Naval Exchange Command (NEXCOM) and Defense Commissary Agency (DECA) do not have facilities at Naval Support Activity Bahrain. Naval Support Activity Bahrain, Commander US Navy Central Command, NEXCOM and DECA do not support a NEX Mart requirement for the base. IMPACT IF NOT PROVIDED: If this new facility is not provided, personnel shopping and working at		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63005 NAVAL SUPPORT ACTIVITY BAHRAIN		
4. Project Title INSTALLATION SERVICE SUPPORT CENTER		7. Project Number 911
<p>(...continued)</p> <p>the existing retail outlets are unnecessarily exposed due to lack of adequate force protection. The personnel living and working on base will have to leave force protected areas of the base to eat, shop or work out, creating a very attractive terrorist target at least three times a day when they go to breakfast, lunch and dinner. Shoppers will continue to carry heavy loads long distances to their cars. Morale will be adversely affected causing possible retention problems at the Naval Support Activity Bahrain. NSA Bahrain will continue to maintain over twenty separate buildings in varying condition, instead of one consolidated and modern facility.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 1451</p> <p>(B) All Other Design Costs..... 484</p> <p>(C) Total..... 1935</p> <p>(D) Contract..... 1210</p> <p>(E) In-House..... 725</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N63005 NAVAL SUPPORT ACTIVITY BAHRAIN		
4. Project Title INSTALLATION SERVICE SUPPORT CENTER		7. Project Number 911
<p>(...continued)</p> <p>(6) Construction Completion..... 04/05</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR MARK ZUCCHERO Phone No: 011-973-72-4100</p>		
<p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:</p> <p>This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM					2. Date 2/12/02																								
3. Installation and Location/UIC: N3318A JOINT HEADQUARTERS COMMAND MADRID SPAIN				4. Command Commander in Chief, U. S. Naval Forces, Europe		5. Area Constr Cost Index 1.2																								
6. Personnel Strength a. As Of 9/30/01 b. End FY 2008	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	0	0	0	0	0	0	0	0	0	0																				
	1	9	0	0	0	0	0	0	0	10																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (0.00)																														
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 0.00																														
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00																														
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 2,890.00																														
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																														
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																														
g. REMAINING DEFICIENCY..... 0.00																														
h. GRAND TOTAL..... 2,890.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 45%;"></td> <td style="width: 15%;">Scope</td> <td style="width: 15%;">Cost (\$000)</td> <td style="width: 10%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td></td> <td></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>740.01</td> <td>NEX/MWR FACILITY (9,494 SF)</td> <td>882 m2</td> <td>2,890</td> <td>12/00 09/02</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td>2,890</td> <td></td> </tr> </table>											Category		Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>			<u>Start</u> <u>Complete</u>	740.01	NEX/MWR FACILITY (9,494 SF)	882 m2	2,890	12/00 09/02	TOTAL			2,890	
Category		Scope	Cost (\$000)	Design Status																										
<u>Code</u>	<u>Project Title</u>			<u>Start</u> <u>Complete</u>																										
740.01	NEX/MWR FACILITY (9,494 SF)	882 m2	2,890	12/00 09/02																										
TOTAL			2,890																											
9. Future Projects:																														
a. Included In The Following Program (FY 2004):																														
None																														
b. Major Planned Next Three Years:																														
None																														
c. Real Property Maintenance Backlog (\$000): \$ 0																														
10. Mission Or Major Functions:																														
Provides support for NATO forces in the South West area of responsibility for the NATO Joint Command South West.																														
11. Outstanding Pollution And Safety Deficiencies (\$000):																														
a. Pollution Abatement (*): \$ 0																														
b. Occupational Safety And Health (OSH) (#): \$ 0																														

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N3318A JOINT COMMAND SOUTH WEST MADRID SPAIN			4. Project Title NAVY EXCHANGE (NEX) MORALE, WELFARE, RECREATION FACILITY		
5. Program Element 0204696N	6. Category Code 740.01	7. Project Number 911	8. Project Cost 2,890		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
NAVY EXCHANGE (NEX) MORALE, WELFARE, RECREAT (9,494 SF)		m2	882	-	1,680
POST OFFICE (431 SF)		m2	40	1,579	(60)
LIBRARY (797 SF)		m2	74	2,072	(150)
NEX RETAIL/SERVICE OUTLETS (3,434 SF)		m2	319	1,630	(520)
GENERAL WAREHOUSE (807 SF)		m2	75	994	(70)
FAMILY SERVICES OFFICE (323 SF)		m2	30	1,981	(60)
RECREATION CENTER (1,819 SF)		m2	169	1,979	(330)
ADMINISTRATION (1,453 SF)		m2	135	1,976	(270)
MWR GEAR ISSUE (431 SF)		m2	40	1,507	(60)
ANTI-TERRORISM FORCE PROTECTION		LS	-	-	(80)
BUILT IN EQUIPMENT		LS	-	-	(30)
INFORMATION SYSTEMS		LS	-	-	(20)
TECHNICAL OPERATING MANUALS		LS	-	-	(30)
SUPPORTING FACILITIES		LS	-	-	900
UTILITIES		LS	-	-	(410)
PAVING AND SITE IMPROVEMENTS		LS	-	-	(490)
SUBTOTAL		-	-	-	2,580
Contingency (5.0%)		-	-	-	130
TOTAL CONTRACT COST		-	-	-	2,710
Supervision Inspection & Overhead (6.5%)		-	-	-	180
TOTAL REQUEST		-	-	-	2,890
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	-
10. Description of Proposed Construction					
<p>Construct a U.S. National Element Support NEX/MWR Facility consisting of a post office; library; exchange retail store with service outlets; general warehouse; family services office; recreation center to include a theater, education center, and multi-purpose areas; administration areas to include MWR, admin, chaplain, computer repairs and personnel services space; and MWR gear issue. In addition, a recreational field and playing courts will be provided. Project will comply with Spanish and U.S. seismic force considerations, fire, and ventilation criteria. Project will provide landscaping, irrigation and parking. These facilities will be located on</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N3318A JOINT COMMAND SOUTH WEST MADRID SPAIN		
4. Project Title NAVY EXCHANGE (NEX) MORALE, WELFARE, RECREATION FACILITY		7. Project Number 911
<p>(...continued)</p> <p>Spanish Ministry of Defense land acquired for a new mission (NATO). Technical Operating Manuals will be provided. Antiterrorism force protection features will be included. Built-in equipment includes kitchen equipment in the recreation center, built-in coolers/freezers in the NEX/retail store.</p>		
<p>11. Requirement: <u>882 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>The project will construct permanent facilities to support the U. S. military population assigned to the new NATO Headquarters at Madrid, Spain. (New mission)</p> <p>REQUIREMENT:</p> <p>Adequate support facilities are required for permanently stationed and transient U.S. personnel who perform operations at NATO Joint Command South West Headquarters. Because of the strategic mission of the NATO Headquarters and the high level of terrorist threat in Spain, it is imperative to have support facilities on site. These facilities will provide adequate support spaces for U. S. personnel assigned to Madrid, allowing them to move into seismically safe facilities incorporating force protection features. These facilities are a vital element of Naval Forces Europe's Administration Agent responsibility for Madrid.</p> <p>CURRENT SITUATION:</p> <p>No permanent facilities exist to provide adequate areas that are constructed to anti-terrorism/force protection standards or incorporate seismic force considerations. No existing permanent facilities that incorporate these requirements are available within a secure compound.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If not provided, U. S. National Element personnel will be constantly placed at risk of terrorist attack and will be utilizing facilities that are not suitable for long-term occupancy. Facilities lacking force protection criteria and seismic force considerations will have to be utilized as well as facilities not sited within a secure compound.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N3318A JOINT COMMAND SOUTH WEST MADRID SPAIN		
4. Project Title NAVY EXCHANGE (NEX) MORALE, WELFARE, RECREATION FACILITY		7. Project Number 911
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/00</p> <p>(B) Date Design 35% Complete..... 01/02</p> <p>(C) Date Design Complete..... 09/02</p> <p>(D) Percent Complete As Of September 2001..... 2%</p> <p>(E) Percent Complete As Of January 2002..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 146</p> <p>(B) All Other Design Costs..... 49</p> <p>(C) Total..... 195</p> <p>(D) Contract..... 122</p> <p>(E) In-House..... 73</p> <p>(4) Contract Award..... 11/02</p> <p>(5) Construction Start..... 12/02</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: WILLIAM EDDY Phone No: 011442075144233</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N3318A JOINT COMMAND SOUTH WEST MADRID SPAIN		
4. Project Title NAVY EXCHANGE (NEX) MORALE, WELFARE, RECREATION FACILITY		7. Project Number 911
<p>(...continued)</p> <p>JOINT USE CERTIFICATION:</p> <p>The Deputy Chief of Naval Operations (Fleet Logistics and Readiness) certifies that this project has been considered for joint use potential. Joint use construction is recommended.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02	
3. Installation and Location/UIC:N65160 VARIOUS LOCATIONS			4. Project Title HOST NATION INFRASTRUCTURE		
5. Program Element 0901212N	6. Category Code 610.10	7. Project Number 003	8. Project Cost 1,000		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
HOST NATION INFRASTRUCTURE		LS	-	-	1,000
SUPPORTING FACILITIES			-	-	-

SUBTOTAL		-	-	-	1,000
Contingency (0.0%)		-	-	-	-

TOTAL CONTRACT COST		-	-	-	1,000
Supervision Inspection & Overhead (0.0%)		-	-	-	-

TOTAL REQUEST		-	-	-	1,000
EQUIPMENT FROM OTHER APPROPRIATIONS			-	(NON-ADD)	-
10. Description of Proposed Construction					
<p>The host nation support required varies for each individual NATO project. These funds will be used to cover non-NATO eligible expenses such as host nation costs, life safety, functional utility/livability, energy, administrative expenses, design support, joint formal acceptance inspection and audit, currency fluctuation losses, and restoration floor.</p>					
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>					
PROJECT:					
<p>Execute role as host nation and construction agent for NATO Infrastructure projects in CONUS, Iceland and Bermuda, in accordance with DoD Directive.</p>					
REQUIREMENT:					
<p>The Host Nation Infrastructure Support (HNIS) program provides a source of U.S. funds for each NATO-funded project to pay host nation costs. This authority is not used to increase the scope of a facility for U.S. functions, such work is included through conjunctive funding in separate MILCON projects.</p>					
CURRENT SITUATION:					
<p>Navy is the construction agent for NATO Infrastructure projects at locations where the United States is host nation. HNIS responsibilities involve funding certain program costs, such as, land acquisition, source</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N65160 VARIOUS LOCATIONS		
4. Project Title HOST NATION INFRASTRUCTURE		7. Project Number 003
<p>(...continued)</p> <p>utilities, roads and parking, administrative expenses, design support, joint formal acceptance inspections (JFAI) and audits, currency fluctuation losses, and restoration floor. NATO eligibility criteria stipulates only Minimum Military Requirement (MMR) for wartime occupancy and does not include peacetime related features such as fire protection or energy conservation. This request is based on approved NATO Infrastructure projects.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Timely U.S. funding for the work will not be possible. Delays in executing these projects for lack of HNIS funding will deprive operating units of sorely needed facilities and may be a source of embarrassment for the U.S.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... N/A</p> <p>(B) Date Design 35% Complete..... N/A</p> <p>(C) Date Design Complete..... N/A</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 0%</p> <p>(F) Type of Design Contract..... N/A</p> <p>(G) Parametric Estimate used to develop cost..... N/A</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 0</p> <p>(C) Total..... 0</p> <p>(D) Contract..... 0</p> <p>(E) In-House..... 0</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N65160 VARIOUS LOCATIONS		
4. Project Title HOST NATION INFRASTRUCTURE		7. Project Number 003
<p>(...continued)</p> <p>(4) Contract Award..... N/A</p> <p>(5) Construction Start..... N/A</p> <p>(6) Construction Completion..... N/A</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: JOHN THURBER Phone No: 202-685-9405</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N64482 NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS			4. Project Title PLANNING AND DESIGN	
5. Program Element 0901211N	6. Category Code 010.00	7. Project Number 203	8. Project Cost 68,573	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PLANNING AND DESIGN	LS	-	-	68,570
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	68,570
Contingency (0.0%)	-	-	-	-

TOTAL CONTRACT COST	-	-	-	68,570
Supervision Inspection & Overhead (0.0%)	-	-	-	-

SUBTOTAL	-	-	-	68,570
ROUNDING ADJUSTMENT	LS	-	-	3

TOTAL REQUEST	-	-	-	68,573
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
<p>PROJECT:</p> <p>All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates except in those where Design/Build contracting method is used. (Current mission)</p> <p>REQUIREMENT:</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N64482 NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS		
4. Project Title PLANNING AND DESIGN		7. Project Number 203
<p>(...continued)</p> <p>CURRENT SITUATION:</p> <p>IMPACT IF NOT PROVIDED:</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... N/A</p> <p>(B) Date Design 35% Complete..... N/A</p> <p>(C) Date Design Complete..... N/A</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 0%</p> <p>(F) Type of Design Contract.....</p> <p>(G) Parametric Estimate used to develop cost..... N/A</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 0</p> <p>(C) Total..... 0</p> <p>(D) Contract..... 0</p> <p>(E) In-House..... 0</p> <p>(4) Contract Award..... N/A</p> <p>(5) Construction Start..... N/A</p> <p>(6) Construction Completion..... N/A</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: N64482 NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS		
4. Project Title PLANNING AND DESIGN		7. Project Number 203
<p>(...continued)</p> <p>Activity POC: CDR BOB MCLEAN Phone No: 703-604-9992</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM			2. Date 2/12/02
3. Installation and Location/UIC: N64481 NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS			4. Project Title UNSPECIFIED MINOR CONSTRUCTION	
5. Program Element 0901211N	6. Category Code 020.00	7. Project Number 203	8. Project Cost 23,262	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
UNSPECIFIED MINOR CONSTRUCTION	LS	-	-	23,260
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	23,260
Contingency (0.0%)	-	-	-	-

TOTAL CONTRACT COST	-	-	-	23,260
Supervision Inspection & Overhead (0.0%)	-	-	-	-

SUBTOTAL	-	-	-	23,260
ROUNDING ADJUSTMENT	LS	-	-	2

TOTAL REQUEST	-	-	-	23,262
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Projects authorized by Title 10 USC 2805 not otherwise authorized by law having an approved cost of \$1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities. Projects intended solely to correct a deficiency that is life-threatening, health-threatening, or safety-threatening, may have an approved cost equal to or less than \$3,000,000. Total request includes funds for supervision, inspection, and overhead.</p>				
11. Requirement: <u>LS</u> Adequate: <u>LS</u> Substandard: <u>LS</u>				
PROJECT:				
<p>Title 10 USC 2805 provides authority to the Secretary of Defense and the Secretaries of the Military Departments to acquire, construct, extend, alter or install permanent facilities having an approved cost of \$1,500,000 or less not otherwise authorized by law. Included are those items required for which a need cannot reasonably be foreseen nor justified in time to be included in an annual military construction program, but are so urgently required that financing cannot be deferred until legislation in support of a new program is enacted. (Current mission)</p>				
REQUIREMENT:				
(Continued On DD 1391C)				

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC:N64481 NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS		
4. Project Title UNSPECIFIED MINOR CONSTRUCTION		7. Project Number 203
<p>(...continued)</p> <p>CURRENT SITUATION:</p> <p>IMPACT IF NOT PROVIDED:</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... N/A</p> <p>(B) Date Design 35% Complete..... N/A</p> <p>(C) Date Design Complete..... N/A</p> <p>(D) Percent Complete As Of September 2001..... 0%</p> <p>(E) Percent Complete As Of January 2002..... 0%</p> <p>(F) Type of Design Contract.....</p> <p>(G) Parametric Estimate used to develop cost..... N/A</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 0</p> <p>(C) Total..... 0</p> <p>(D) Contract..... 0</p> <p>(E) In-House..... 0</p> <p>(4) Contract Award..... N/A</p> <p>(5) Construction Start..... N/A</p> <p>(6) Construction Completion..... N/A</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>		

1. Component NAVY	FY 2003 MILITARY CONSTRUCTION PROGRAM	2. Date 2/12/02
3. Installation and Location/UIC: N64481 NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS		
4. Project Title UNSPECIFIED MINOR CONSTRUCTION		7. Project Number 203
<p>(...continued)</p> <p>Activity POC: CDR BOB MCLEAN Phone No: 703-604-9992</p>		

